DECEMBER 1988 QUARTERLY REPORT NAS MOFFETT FIELD, CALIFORNIA REMEDIAL INVESTIGATION/FEASIBILITY STUDY

VOLUME 2: APPENDIX B, PART 1

DECEMBER 15, 1988

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for:

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REVISION PAGES

ERRATA FOR DECEMBER 1988 QUARTERLY REPORT REMEDIAL INVESTIGATION/FEASIBILITY STUDY

DATED 19 JULY 1989

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DECEMBER 1988 QUARTERLY REPORT REMEDIAL INVESTIGATION/FEASIBILITY STUDY

DATED 15 DECEMBER 1988

THIS RECORD CONTAINS MULTIPLE VOLUMES WHICH HAVE BEEN ENTERED SEPARATELY

VOLUME 1 OF 7 IS FILED AS ADMINISTRATIVE RECORD NO. **N00296.000543**

VOLUME 3 OF 7 IS FILED AS ADMINISTRATIVE RECORD NO. <u>N00296.000545</u>

VOLUME 4 OF 7 IS FILED AS ADMINISTRATIVE RECORD NO. **N00296.000546**

VOLUME 5 OF 7 IS FILED AS ADMINISTRATIVE RECORD NO. N00296.000547

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APPENDIX B, PART 1 SITE 1 ANALYTICAL RESULTS

SITE 1 ANALYTICAL RESULTS SUMMARY TABLES

The summary tables list all compounds which were detected at Site 1.

MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

***************************************	====> ft.) => =====>	EMB 1.0		EMB 1.0		EME		EME 1.0	
COMPOUND NAME	Quantitation Limits	====		***					========
=======================================	T1111 (2		oncentratio						
2-Butanone	10								
4-Methyl-2-pentanone	10								
4-Methylphenol	330								
AROCLOR - 1242	80								
AROCLOR - 1254	160		3200						2200
AROCLOR - 1260	160		3200	J	100				2200
Acetone	10			J	12		13		13
Bis(2-Ethylhexyl)phthalate	330		2600		350		13		13
Butyl benzyl phthalate	330		2000		370				
Carbon disulfide	5								
Chlorobenzene	5								
Chloroethane	10								
Di-n-butylphthalate	330		83						
Di-n-octyl phthalate	330	J	03						
Diethylphthalate	330								
Ethyl benzene	5								
Fluoranthene	330								
Methylene chloride	5	В	29	В	11	В	10	В	7
Naphthalene	330	В	27	D		ь	10	D	,
Phenol	330								
Pyrene	330								
Tetrachloroethene	5								
Toluene	5		19		5		3	J	4
Total xylenes	5		",		,		,		7
Trichloroethene	5								
trans-1,2-Dichloroethene	5								
========= TIC ========	-								
Branched Hydro TIC (Total 5)	TIC								
Misc. TIC (Total 84)	TIC	ď		d		d		ď	
Unknown a TIC (Total 178)	TIC	ď		ď		ď		ď	
Unknown Hydro TIC (Total 169)	TIC	ď		ď		ď		ď	

Unknown Misc TIC (Total 4)

TIC

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.
 J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

	2222>	W1- 1.0 06/	-05(A) 5A-S1 24/88 =======	W1- 3.0 06/	24/88 ======	W1- 5.0 06/	24/88	W1- 10. 06/	24/88
	*========	2222	=======	====	=======	====	=======	====	=======
2-Butanone 4-Methyl-2-pentanone 4-Methylphenol AROCLOR-1242 AROCLOR-1254 AROCLOR-1260	10 10 330 80 160					J	8	В	8
Acetone	10	В	26	В	180	В	39	В	41
Bis(2-Ethylhexyl)phthalate Butyl benzyl phthalate Carbon disulfide Chlorobenzene	330 330 5 5				13		19		36
Chloroethane Di-n-butylphthalate Di-n-octyl phthalate Diethylphthalate Ethyl benzene Fluoranthene Methylene chloride Naphthalene Phenol Pyrene Tetrachloroethene Toluene Total xylenes Trichloroethene trans-1,2-Dichloroethene	10 330 330 5 5 330 5 330 330 5 5 5 5	В	18	В	23	В	18	В	18
Branched Hydro TIC (Total 5) Misc. TIC (Total 84) Unknown @ TIC (Total 178) Unknown Hydro TIC (Total 169) Unknown Misc TIC (Total 4)	TIC TIC TIC TIC TIC	d d		d d		d d d		d d d	

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

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J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER SAMPLE DEPTH (SAMPLE DATE ====================================	====>	W1- 1.0 07/	-06(A) 6A-MD1 18/88	W1- 8.0 07/	18/88	₩1- 5.0 07,	/18/88	W1- 10. 07/ SPL	18/88 .IT	W25 5.0 07/ DUP	18/88
COMPOUND NAME	Quantitation Limits	Co		on [u	ıg/Kg (ppb)]	See footno	e a			
2-Butanone 4-Methyl-2-pentanone 4-Methylphenol AROCLOR-1242 AROCLOR-1254 AROCLOR-1260	10 10 330 80 160				690						
Acetone Bis(2-Ethylhexyl)phthalate Butyl benzyl phthalate Carbon disulfide Chlorobenzene	10 330 330 5 5	В	18	J 8	110 75 9	J		В	3	8	47
Chloroethane Di-n-butylphthalate Di-n-octyl phthalate Diethylphthalate Ethyl benzene Fluoranthene	10 330 330 330 5 330								13		
Methylene chloride Naphthalene Phenol Pyrene Tetrachloroethene Toluene Total xylenes Trichloroethene trans-1,2-Dichloroethene	5 330 330 330 5 5 5 5	В	12	В	30	В	13	В	36	В	14
Branched Hydro TIC (Total 5) Misc. TIC (Total 84) Unknown a TIC (Total 178) Unknown Hydro TIC (Total 169) Unknown Misc TIC (Total 4)	TIC TIC TIC TIC TIC	d	·	d d d		d d					

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.
 J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

	====>	W1-	-07(A) 7A-MD1) /28/88	W1- 3.0 06/	28/88	W1- 5.0 06/	I-07(A) ·7A-MD3) /28/88	W1- 10. 06/	1-07(A) -7A-MD4 .0 /28/88
COMPOUND NAME	Quantitation Limits		ncentrat	ion [u	g/Kg (ppt			ote a	
2-Butanone 4-Methyl-2-pentanone 4-Methylphenol AROCLOR-1242 AROCLOR-1254	10 10 330 80 160	J	2		50		140		
AROCLOR-1260 Acetone Bis(2-Ethylhexyl)phthalate Butyl benzyl phthalate	160 10 330 330	B	14 310	В	190	В	700	В	150
Carbon disulfide Chlorobenzene Chloroethane Di-n-butylphthalate Di-n-octyl phthalate Diethylphthalate Ethyl benzene Fluoranthene	5 5 10 330 330 330 5 5				20				14
Methylene chloride Naphthalene Phenol Pyrene Tetrachloroethene	5 330 330 330 5	B	13	В	34	В	27	В	23
Toluene Total xylenes Trichloroethene trans-1,2-Dichloroethene	5 5 5 5				13	J	2		
Branched Hydro TIC (Total 5) Misc. TIC (Total 84) Unknown @ TIC (Total 178) Unknown Hydro TIC (Total 169) Unknown Misc TIC (Total 4)	TIC TIC TIC TIC TIC	d d		d d		đ đ		d d	

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

SAMPLE LOCATIO SAMPLE NUMBER SAMPLE DEPTH (SAMPLE DATE = SAMPLE TYPE =	====> ft.) =>	W1- 1.0 07/	08/88	W1- 3.0 07/ SPL	/08/88 .IT	W1- 5.0 07/	08/88	W1- 10. 07/	08/88	W25 5.0 07/ DUP	08/88
	Quantitation	====	=======	====		===:	========	===:	========	====	========
COMPOUND NAME	Limits	Co	ncentratio	on [u	g/Kg (ppb)	1 5	See footno	te a			
=======================================	=======================================				=======				=======	====	=======
2 5 4	4.0										
2-Butanone	10										
4-Methyl-2-pentanone	10										
4-Methylphenol	330										
AROCLOR - 1242	80										
AROCLOR-1254	160										
AROCLOR-1260	160										
Acetone	10	В	42	В	120	В	120	В	100	В	90
Bis(2-Ethylhexyl)phthalate	330	J	170					J	170		
Butyl benzyl phthalate	330				_						
Carbon disulfide	5				9		13		28		11
Chlorobenzene	5										
Chloroethane	10										
Di-n-butylphthalate	330										
Di-n-octyl phthalate	330										
Diethylphthalate	330			J	230						
Ethyl benzene	5										
Fluoranthene	330					J	73				
Methylene chloride	5	В	29	В	93	В	39	В	42	В	47
Naphthalene	330										
Phenol	330										
Pyrene	330					J	110				
Tetrachloroethene	5										
Toluene	5	J	3	J	3						5
Total xylenes	5										
Trichloroethene	5										
trans-1,2-Dichloroethene	5										
======== TIC ========											
Branched Hydro TIC (Total 5)	TIC										
Misc. TIC (Total 84)	TIC	d		đ		d		d			
Unknown a TIC (Total 178)	TIC	d		d		d		d			
Unknown Hydro TIC (Total 169)	TIC	d		d		d		d			
Unknown Misc TIC (Total 4)	TIC										

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

COMPOUND NAME Quantitation Limits Concentration [ug/Kg (ppb)] See footnote a 2-Butanone 10 87 27 4-Methyl-2-pentanone 10 4-Methylphenol 330 14000 890 AROCLOR-1242 80 220
2-Butanone 10 87 27 4-Methyl-2-pentanone 10 4-Methylphenol 330 14000 890 AROCLOR-1242 80 220
2-Butanone 10 87 27 4-Methyl-2-pentanone 10 330 14000 890 4-Methylphenol 330 14000 220
4-Methyl-2-pentanone 10 4-Methylphenol 330 14000 890 AROCLOR-1242 80 220
4-Methyl-2-pentanone 10 4-Methylphenol 330 14000 890 AROCLOR-1242 80 220
4-Methylphenol 330 14000 890 AROCLOR-1242 80 220
AROCLOR-1242 80 220
AROCLOR-1254 160 J 150
AROCLOR-1260 160 180
Acetone 10 B 26 B 760 B 300 B 99
Bis(2-Ethylhexyl)phthalate 330 J 140 1100
Butyl benzyl phthalate 330 J 110
Carbon disulfide 5
Chlorobenzene 5 18
Chloroethane 10
Di-n-butylphthalate 330
Di-n-octyl phthalate 330
Diethylphthalate 330
Ethyl benzene 5 14 38
Fluoranthene 330
Methylene chloride 5 B 11 B 73 B 26 B 13
Naphthalene 330
Phenol 330
Pyrene 330
Tetrachloroethene 5
Toluene 5 J 3 8 Total xylenes 5 48 110 Trichloroethene 5
Trichloroethene 5
trans-1,2-Dichloroethene 5
======== TIC ==========
Branched Hydro TIC (Total 5) TIC
Misc. TIC (Total 84) TIC d d d
Unknown a TIC (Total 178) TIC d d d d
Unknown Hydro TIC (Total 169) TIC d d d d
Unknown Misc TIC (Total 4) TIC

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE DEPTH (SAMPLE DATE =	22222>	₩1- 1.0	-10(F) 10F-MD1 07/88	W1- 7.0	-10(F) 10F-MD2 07/88	W1- 15.	-10(F) 10F-MD3 0 07/88	W25 15.	07/88
	Quantitation								
COMPOUND NAME	Limits	Co	ncentrati	on [u	g/Kg (ppb))] S	ee footno	te a	
=======================================	*=========	====	=======	====		====	=======	====	=======
2-Butanone	10						80		
4-Methyl-2-pentanone	10						00		
4-Methylphenol	330		670	.1	61				
AROCLOR-1242	80		0.0	u	0.				
AROCLOR - 1254	160								
AROCLOR - 1254 AROCLOR - 1260	160		18000		230				
Acetone	100	В	130	В	290	R	430	В	76
Bis(2-Ethylhexyl)phthalate	330	ь	150	j	320	j	55	_	,,,
	330			J	760		,,		
Butyl benzyl phthalate Carbon disulfide	5				5	J	4		10
Chlorobenzene	5				,		7		10
Chloroethane	10								
	330								
Di-n-butylphthalate Di-n-octyl phthalate	330								
	330								
Diethylphthalate	5 5		55		68				
Ethyl benzene Fluoranthene	330		,,		00				
	5	В	12	В	28	В	28	8	16
Methylene chloride	330	ъ	12	J	50	ь	20		10
Naphthalene	330 330			J	50				
Phenol	330 330								
Pyrene			7						
Tetrachloroethene	5		, 89		42		2		
Toluene	5 5 5		220		110	J	2		
Total xylenes	2				110				
Trichloroethene	5 5	J J	3 1						
trans-1,2-Dichloroethene	כ	J	r						
======================================	710								
Branched Hydro TIC (Total 5)	TIC			L.					
Misc. TIC (Total 84)	TIC	_		ď		d			
Unknown a TIC (Total 178)	TIC	ď		ď		ď			
Unknown Hydro TIC (Total 169)	TIC	d		d		d			
Unknown Misc TIC (Total 4)	TIC								

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

	22222>	W1- 1.0 07/	-11(F) 11F-MD1 11/88 =======	W1- 3.0 07/	11/88	W1- 5.0 07/	11/88	W1- 27. 07/	11/88
COMPOUND NAME	Limits	Co	ncentratio		g/Kg (ppb =======				=======
2-Butanone 4-Methyl-2-pentanone 4-Methylphenol AROCLOR-1242 AROCLOR-1254 AROCLOR-1260	10 10 330 80 160		4300 540			J	3		
Acetone Bis(2-Ethylhexyl)phthalate Butyl benzyl phthalate Carbon disulfide Chlorobenzene Chloroethane	10 330 330 5 5 10	В	14 27000 980	В	16	B	120 120	8	49
Di-n-butylphthalate Di-n-octyl phthalate Diethylphthalate Ethyl benzene Fluoranthene	330 330 330 5 330		740 9700						
Methylene chloride Naphthalene Phenol Pyrene	5 330 330 330	J	8 360 2500 190	В	12	В	11	В	9
Tetrachloroethene Toluene Total xylenes Trichloroethene trans-1,2-Dichloroethene	5 5 5 5 5			J	1	J	1 3 20	,	
Branched Hydro TIC (Total 5) Misc. TIC (Total 84) Unknown a TIC (Total 178) Unknown Hydro TIC (Total 169) Unknown Misc TIC (Total 4)	TIC TIC TIC TIC TIC	d d d		d d d		d d d		d d	

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

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MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

 SAMPLE LOCATION ====>
 W01-12(A)

 SAMPLE NUMBER =====>
 W1-12A-MD1

 SAMPLE DATE ======>
 08/30/88

 SAMPLE TYPE ======>

SAMPLE TYPE =	:=====>	
	=======================================	
	Quantitation	
COMPOUND NAME	Limits	Concentration [ug/Kg (ppb)] See footnote a
=======================================	========	***********
2-Butanone	10	J 3
4-Methyl-2-pentanone	10	
4-Methylphenol	330	
AROCLOR-1242	80	
AROCLOR-1254	160	
AROCLOR-1260	160	
Acetone	10	в 8
Bis(2-Ethylhexyl)phthalate	330	370
Butyl benzyl phthalate	330	
Carbon disulfide	5	
Chlorobenzene	5	
Chloroethane	10	
Di-n-butylphthalate	330	
Di-n-octyl phthalate	330	
Diethylphthalate	330	
Ethyl benzene	5	
Fluoranthene	330	
Methylene chloride	5	B 27
Naphthalene	330	
Phenol	330	
Pyrene	330	
Tetrachloroethene	5	
Toluene	5 5 5 5	
Total xylenes	5	
Trichloroethene	5	
trans-1,2-Dichloroethene	5	
========= TIC =========		
Branched Hydro TIC (Total 5)	TIC	
Misc. TIC (Total 84)	TIC	d
Unknown a TIC (Total 178)	TIC	ä
Unknown Hydro TIC (Total 169)	TIC	
Unknown Misc TIC (Total 4)	TIC	

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

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MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

ONII LE DATE	====>	W1- 1.0 08/ ====	09/88	W1- 3.0 08/ ====	09/88 ====== g/Kg (ppb)	w1- 5.0 08/ ====	09/88 ======= ee footnot	W1- 19. 08/ ====	10/88
2-Butanone 4-Methyl-2-pentanone 4-Methylphenol	10 10 330	В	3	В	9		16	J	5
AROCLOR - 1242 AROCLOR - 1254 AROCLOR - 1260	80 160 160 10	В	26	R	51	R	93	В	35
Acetone Bis(2-Ethylhexyl)phthalate	330 330		20	В	480		530	U	33
Butyl benzyl phthalate Carbon disulfide Chlorobenzene Chloroethane Di-n-butylphthalate	5 5 10 330			J	2				
Di-n-octyl phthalate Diethylphthalate Ethyl benzene Fluoranthene	330 330 5 330			J	10 96		9		
Methylene chloride Naphthalene Phenol	5 330 330 330	В	9	В	28	В	33	В	32
Pyrene Tetrachloroethene Toluene Total xylenes Trichloroethene trans-1,2-Dichloroethene	5 5 5 5 5 5	В	1	J B	1 2 4	J	3 15	j	2
Branched Hydro TIC (Total 5) Misc. TIC (Total 84) Unknown a TIC (Total 178) Unknown Hydro TIC (Total 169) Unknown Misc TIC (Total 4)	TIC TIC TIC TIC TIC	d d		d d d		d d		d	

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed. NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

Table 1-1 Site 1 Analytical Results Summary Soil Sample Organic Analyses NAS MOFFETT FIELD

SED-01

SED-02

SAMPLE LOCATION ====> SED-2 SAMPLE NUMBER ====> SED-1 SAMPLE DEPTH (ft.) => -1.0 -1.0 SAMPLE DATE =====> 07/28/88 07/28/88 SAMPLE TYPE =====> Quantitation Concentration [ug/Kg (ppb)] See footnote a COMPOUND NAME Limits 10 2-Butanone

2-butanone	10			
4-Methyl-2-pentanone	10			
4-Methylphenol	330			
AROCLOR - 1242	80			
AROCLOR-1254	160			
AROCLOR-1260	160			
Acetone	10	2	90	120
Bis(2-Ethylhexyl)phthalate	330			
Butyl benzyl phthalate	330			
Carbon disulfide	5			6
Chlorobenzene	5			
Chloroethane	10	2	5	
Di-n-butylphthalate	330			
Di-n-octyl phthalate	330			
Diethylphthalate	330			
Ethyl benzene	5			
Fluoranthene	330		00	
Methylene chloride	5	B 2	5 B	19
Naphthalene	330			
Phenol	330			
Pyrene	330	J 2	:70	
Tetrachloroethene	5			
Toluene	5			
Total xylenes	5 5 5 5			
Trichloroethene	5			
trans-1,2-Dichloroethene	5			
======================================				
Branched Hydro TIC (Total 5)	TIC			
Misc. TIC (Total 84)	TIC	d	d	
Unknown @ TIC (Total 178)	TIC	d	d	
Unknown Hydro TIC (Total 169)	TIC	d	d	
Unknown Misc TIC (Total 4)	TIC			

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

Table 1-2 Site 1 Analytical Results Summary Soil Sample Inorganic Analyses NAS MOFFETT FIELD

:	SAMPLE TYPE =	ft.) => ======>	W01-05(A) W1-5A-S1 1.0 06/24/88	W1-	-05(A) 5A-S2 24/88	W01-05(A) W1-5A-S3 5.0 06/24/88	W1- 10.	-05(A) 5A-S4 0 24/88
		Quantitation	=======================================					
COMPOUND		Limits		n (m	g/Kg (ppm)	See footno		
*****************	=======================================	252222225222	22222333333	====	======= :		====	=======
Aluminum		40	26200		38900	36100		31800
Antimony		12	24.2		24.1	16.9		24.7
Arsenic		2	10.1		7.7	8.5		5.5
Barium		40	61.7		102	95.9		75.6
Beryllium		1	2.0		1.7	2.0		1.9
Cadmium		1						
Calcium		1000	4840		3780	5420		4680
Chromium		2	90.5		118	109		98.4
Cobalt		10	14.7		17.7	19.6		17.7
Copper		5	121		48.8	47.6		37.5
Iron		20	42300		40900	45300		40200
Lead		1	41.5		21.6	23.6		24.3
Magnesium 💮 💮		1000	12800		13800	17400		17200
Manganese		3	303		282	643		412
Mercury		.04	0.7_		1.2	0.9		
Nickel		8	94.7		98.6	116		93.7
Potassium		1000	3100		5500	569 0		5000
Selenium		1						
Silver		2						
Sodium		1000	2270		9220	15400		17400
Thallium		2	2.0_	J	1.7	2.0	J	1.5
Vanadium		10	79.3		100	95.9		84.9
Zinc		4	202		108	113		103

рH

. 1

4.3

4.6

8.1

8.0

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

0/4/1/2 5///2	====>	EMB-01 EMB-1 1.0 07/28/88	EMB-02 EMB-2 1.0 07/28/88	EMB-03 EMB-3 1.0 07/28/88	EMB-04 EMB-4 1.0 07/28/88
	Quantitation	32222222222		===========	
COMPOUND NAME	Limits	Concentration	on [mg/Kg (ppm)] See footno	te a
	==========	========	*========	***********	=========
Aluminum	40	19200	25000	32000	25200
Antimony	12	57.9	71.2	84.2	73.1
Arsenic	2				
Barium	40	396	217	272	203
Beryllium	1			J .35	
Cadmium	1	3.5	1.1		
Calcium	1000	50500	38000	21900	56100
Chromium	2	54	89.3	90.4	99.2
Cobalt	10	12.9	18.6	19.2	21.2
Copper	5	54	40.8	45.8	49.3
Iron	20	28100	34400	41300	37500
Lead	1	128	19.7	16.4	14.2
Magnesium	1000	11500	17400	19800	19100
Manganese	3	527	633	653	713
Mercury	.04	4.6	.2	.2	.2
Nickel	8	54.8	84	87.2	90.1
Potassium	1000	1400	2440	1730	1710
Selenium	1				
Silver	2	4.9	3.4		2.2
Sodium	1000	J 806	2090	J 392	1460
Thallium	2			J .43	
Vanadi um	10	56.8	82.3	83.6	86.9
Zinc	4	255	78.3	84.9	86.8
	=======================================			=========	
pH	.1	8.3	9.1	8.3	8.6

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

SAMPLE TYPE =	====> (ft.) => =====> =====> Quantitation	W1- 1.0	-06(A) 6A-MD1 18/88	W01-06(A) W1-6A-MD2 8.0 07/18/88	W1- 5.0	-06(A) 6A-MD3 18/88	W1- 10.	18/88	W25	18/88
COMPOUND NAME	Limits	Co	ncentratio	on [mg/Kg (ppm)] S	ee footnot	te a			

Aluminum	40		16500	18600		8290		27100		13600
Antimony	12		51	53.6		23.7		72.2		35.7
Arsenic	2			11.1		3.3	J	1.9		2.3
Barium	40		164	110		43.2		193		47
Beryllium	1									
Cadmium	1									
Calcium	1000		11100	8510		3730		7290		3490
Chromium	2		59.6	51.3		23.7		70		37.9
Cobalt	10		13.2	24.1	J			18	J	9.4
Copper	5		34.9	22.2		9.48		40.2		12
I ron Lead	20		27000	22500		9160		<u>3</u> 1 <u>3</u> 00		14500
Magnesium	1000		6.5	6.1		2.9		7.3		5.6
Manganese	3		9860	10400		5060		13200		5690
Mercury	.04		382 .3	403		186		379		208
Nickel	8		.3 54.3	73.7		32.9		.2		.2
Potassium	1000		1910	73.7 3870		1740		76.9 4170		41
Selenium	1000		1710	3670		1740		4170		2640
Silver	2		2.4				J	1.26		
Sodium	1000	J	332	18700		8820	J	5930		8640
Thallium	2	·	JJE	10100		<i>حي</i> در	J	.71		.44
Vanadium	10		60.2	55.4		27.1	U	83	v	39.1
Zinc	4		49.4	45.6		24.5		62.6		28.5
=======================================		====	*****	=======================================	===:	, :::::::::	====		====	=======
рH	.1		8.4	8.1		8.2		8.4		8.2

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

SAMPLE LOCATIO SAMPLE NUMBER SAMPLE DEPTH (SAMPLE DATE = SAMPLE TYPE =	====>	W01-07(A) W1-7A-MD1 1.0 06/28/88	W01-07(A) W1-7A-MD2 3.0 06/28/88	W01-07(A) W1-7A-M03 5.0 06/28/88	W01-07(A) W1-7A-MD4 10.0 06/28/88
	=======================================	==========	***********	************	===============
COMPOUND NAME	Quantitation Limits	Concentratio	on [mg/Kg (ppm		ote a
Aluminum	40	13900	22200	29400	20700
Antimony	12	13.2	13.4	16.1	15.5
Arsenic	2	11.1	7.2	9.0	4.7
Barium	40	267	62.2	65.7	93.5
Beryllium	1	1.3	1.2	1.5	1.3
Cadmium	1	2.9			
Calcium	1000	20500	399 0	4380	17300
Chromium	2	38.7	72.6	91.1	68.1
Cobalt	10	J 8.5	16.2	13.5	15.0
Copper	5	25.8	38.9	31.2	30.6
Iron	20	24600	27600	34500	29300
Lead	1	14.3	10.5	34.0	49.5
Magnesium	1000	6600	13100	15900	13900
Manganese	3	348	354	308	493
Mercury	.04	0.2	0.3		
Nickel	8	37.2	108	106	75.4
Potassium	1000	1970	4380	5860	3260
Selenium	1	1.2	J 0.98		
Silver	2				
Sodium	1000	3580	17000	19000	11700
Thallium	2	2.0	J 1.6	2.2	J 1.3
Vanadium	10	39.3	67.1	83.6	61.2
Zinc	4	95.4	85.5	98.2	79.5
			==========	=======================================	==========
pH	.1	8.7	8.2	8.2	7.8

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.
 d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

Table 1-2 Site 1 Analytical Results Summary Soil Sample Inorganic Analyses NAS MOFFETT FIELD

0/4 // CE 0/// E	====>	W1-8A-MD1 1.0 07/08/88	W01-08(A) W1-8A-MD2 3.0 07/08/88 SPLIT	W01-08(A) W1-8A-MD3 5.0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-MD3 5.0 07/08/88 DUP
COMPOUND NAME	Quantitation Limits	Concentration	n [mg/Kg (ppm)]	See footnot		
Aluminum Antimony Arsenic Barium Beryllium	40 12 2 40 1	41500 17.3 105	39500 21.4 113	36400 26.9 83.6	18800 13.3 J 39.8	40600 24.2 10.1 103
Cadmium Calcium Chromium Cobalt Copper Iron	1 1000 2 10 5 20	3860 114 16.8 29.4 43000	4620 111 12.7 31.4 31700	4500 115 21.7 42.2 51200	3390 52.6 J 9.4 20.1 19100	4860 115 20.2 37.5 46800
Lead Magnesium Manganese Mercury Nickel Potassium	1 1000 3 .04 8 1000	15.1 13800 295 0.3 87.4 5720	10.7 16900 328 0.4 96.6 8060	19.3 19100 484 0.3 118 7250	24.3 8700 190 43.6 3280	14.6 17600 444 0.3 106 8230
Selenium Silver Sodium Thallium Vanadium Zinc	1 2 1000 2 10	2460 J 0.81 95.5 102	13300 88.8 94.5	19200 94.6 116	8110 J 0.86 49.7 52.8	18500 J 0.93 102 106
pH	.1	3.9	8.4	8.1		8.1

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

SAMPLE LOCATI SAMPLE NUMBER SAMPLE DEPTH SAMPLE DATE SAMPLE TYPE	====> (ft.) => =====>	W01-09(F) DUP-1 29.5 07/01/88 DUP	W01-09(F) \$1-MD-\$1 1.0 07/01/88	W01-09(F) \$2-MD-\$1 13.0 07/01/88	W01-09(F) S4-MD-S1 29.5 07/01/88
COMPOUND NAME	Quantitation Limits	Concentration	on [mg/Kg (ppm)		te a
Aluminum Antimony Arsenic	40 12 2	15200 J 11.8	19300 13.2 3.6	18800 16.2	19800 16.2
Barium Beryllium Cadmium Calcium	40 1 1 1000	134 J 0.66 40500	204 J 0.85 41900	218 J 0.92 79000	177 J 0.99 77100
Chromium Cobalt Copper Iron	2 10 5 20	49.8 13.1 44.8 21300	62.8 18.5 129 30900	65.1 15.2 72.8 25700	60.7 16.5 52.7 27000
Lead Magnesium Manganese Mercury	1 1000 3 .04	10.5 13300 282 0.2	120 13900 527 0.3	64.4 13400 604 6.0	9.1 17100 413 0.4
Nickel Potassium Selenium Silver	8 1000 1 2	56.1 1730	68.4 1340	63.8 J 991 11.5	66.3 2210
Sodium Thallium Vanadium Zinc	1000 2 10 4	5840 J 0.68 58.5 52.2	1240 J 0.92 71.4 162	1030 J 0.79 66.4 225	5540 J 1.4 72.4 71.2
pH	.1	8.2	6.8	7.8	

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

SAMPLE LOCATION SAMPLE NUMBER SAMPLE DEPTH SAMPLE DATE SAMPLE TYPE COMPOUND NAME	====>	W1- 1.0 07/	-10(F) 10F-MD1 07/88 ======	W1- 7.0 07/	07/88	W01-10(I W1-10F-I 15.0 07/07/80 =======	103 W2! 15	/07/88
Aluminum	40		24200		16500	3210	00	26300
Antimony	12		17.3		13.0	25.6	•	17.6
Arsenic	2							
Barium	40		206		159	370		166
Beryllium	1							
Cadmium	1							
Calcium	1000		57300		55800	1180	00	20900
Chromium	2		70.0		56.1	82.6	5	76.2
Cobalt	10		17.6		10.6	24.2		17.8
Copper	5		257		32.2	33.3		31.2
Iron	20		30100		20700	4550		30500
Lead	1		36.8		50.7	13.4		15.6
Magnesium	1000		15800		13400	1860		15200
Manganese	3		521		424	537	,,,	442
Mercury	.04		0.3					
Nickel					0.7	0.3		0.3
	8		65.7		43.9	95.8		70.9
Potassium	1000		2290	J	927	4380)	4750
Selenium	1							
Silver	2	J	1.1					
Sodium	1000		1050		1040	7370)	7220
Thallium	2	J	0.79	j	0.56	J 0.68	J	0.54
Vanadium	10		79.1		46.6	91.2	·	83.1
Zinc	4		210		393	86.2	!	63.1
	==========	====		====		=======================================	=========	=========
Hq	.1		8.4		8.2	8.3		8.6

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

8.1

7.6

MATRIX: SOIL

Table 1-2 Site 1 Analytical Results Summary Soil Sample Inorganic Analyses NAS MOFFETT FIELD

	====>	W01-11(F) W1-11F-M01 1.0 07/11/88	W01-11(F) W1-11F-MD2 3.0 07/11/88 ==========	W01-11(F) W1-11F-WD3 5.0 07/11/88	W01-11(F) W1-11F-MD4 27.0 07/11/88
	=======================================	==========			
Atuminum	40	25400	25000	21600	22500
Antimony	12	13.3	17.6	23.3	16.1
Arsenic	2				
Barium	40	221	216	74.7	122
Beryllium	1		_		
Cadmium	1	1.2	1.9	2.0	
Calcium	1000	37200	29300	28700	20100
Chromium	2	68.0	68.6	51.0	63.9
Cobalt	<u>1</u> 0	17.2	17.2	27.0	17.5
Copper	5	43.2	241	93.1	38.2
Iron	20	35400	30600	42200	32100
Lead	1	35.4	34.7	259	15.5
Magnesium	1000	15700	13900	19100	15000 398
Manganese	3	531	495	518	0.9
Mercury	.04	0.2	0.2 65.2	0.4 55.6	66.4
Nickel	8 1000	66.5 2650	2810	1010	4020
Potassium	1000	2000	2010	1010	4020
Selenium	2	3.4	J 1.4	4.2	J 0.63
Silver	1000	3.4 1180	J 465	1010	11200
Sodium Thatlium	2	J 0.92	J 0.75	J 0.86	J 0.73
Vanadium	10	77.7	81.8	106	71.8
Zinc	4	553	313	240	78.3
21110	2222222222		=======================================	=======================================	==========

NA - Not Analyzed.

pН

.1

7.5

7.4

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.
 J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

Table 1-2 Site 1 Analytical Results Summary Soil Sample Inorganic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-12(A)
SAMPLE NUMBER =====> W1-12A-MD1
SAMPLE DATE ======> 08/30/88
SAMPLE TYPE =====>

COMPOUND NAME	Quantitation Limits	Concentration [mg/Kg (ppm)] See footnote a	
Aluminum	40	27800	
Antimony	12	71.6	
Arsenic	2		
Barium	40	74.6	
Beryllium	1	5	
Cadmium	i		
Calcium	1000	3410	
Chromium	2	90.9	
Cobalt	10	12.9	
Copper	5	137	
Iron	20	39100	
Lead	1	17.2	
Magnesium	1000	14900	
Manganese	3	271	
Mercury	.04	.9	
Nickel	.04 8		
Potassium	1000	86.2	
	1000	5210	
Selenium	1		
Silver	2	44400	
Sodium	1000	11100	
Thallium	2		
Vanadium	10	75.9	
Zinc	4	134	
	===========		
рН	.1	7.2	

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

OWN DE ONIT	====>	W01-13(F) W1-13F-MD1 1.0 08/09/88	W01-13(F) W1-13F-MD2 3.0 08/09/88	W01-13(F) W1-13F-MD3 5.0 08/09/88	W01-13(F) W1-13F-MD4 19.0 08/10/88
	Quantitation	222222232	************	*******	***************************************
COMPOUND NAME	Limits	Concentratio	on [mg/Kg (ppm)		
201211111111111111111111111111111111111	************	**********	=======================================	==========	
Aluminum	40	18900	16100	22800	21700
Antimony	12	52.8	43.9	63.6	61
Arsenic	2				
Barium	40	83.3	118	145	172
Beryllium	1	2.7	2.2	3.3	2.8
Cadmium	1			2.2	
Calcium	1000	19300	52600	32200	20200
Chromium	2	37.8	37.8	76.9	67.2
Cobalt	10	14.3	13.2	30.2	20.8
Copper	5	48.6	73.9	50	45.8
Iron	20	35100	29200	41100	36000
Lead	1	7.3	19.4	69	9.6
Magnesium	1000	12600	11100	14700	16900
Manganese	3	738	580	808	344
Mercury	.04		.4	.5	.2
Nickel	8	39.2	37.5	67.4	84
Potassium	1000	J 604	J 416	2190	2820
Selenium	1				
Silver	ż				
Sodium	1000	J 336	J 322	2550	6610
Thallium	2				
Vanadium	10	60.4	66.2	73.5	75.1
Zinc	4	84.7	72.4	427	85
		######################################	######################################	***********	***********
DH.	.1	9.0	8.5	8.6	8.2

NA - Not Analyzed

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: SOIL

Table 1-2 Site 1 Analytical Results Summary Soil Sample Inorganic Analyses NAS MOFFETT FIELD

SED-01 SED-02 SAMPLE LOCATION ====> SED-2 SED-1 SAMPLE NUMBER ====> -1.0 -1.0 SAMPLE DEPTH (ft.) => SAMPLE DATE =====> 07/28/88 07/28/88 SAMPLE TYPE =====>

0			
Limits			See footnote a
40	34500	20400	
	88.1	63.6	
40	105	93.8	
1			
1			
1000	9990	9720	
2	94.2	66.6	
10	11.9	15.9	
5	38.1	31.2	
20	38800	38000	
1	78.2	14.9	
1000	20500	16100	
3	388	638	
.04	.7	.6	
8	81.8	78.6	
1000	6190	3500	
1	1.2		
2			
1000	45000	13000	
		63.7	
4			
**======			
.1	7.5	8.2	
	40 12 2 40 1 1 1 1000 2 10 5 20 1 1000 3 .04 8 1000 1 2 1000 2	Limits Concentration 40 34500 12 88.1 2 40 105 1 1 1000 9990 2 94.2 10 11.9 5 38.1 20 38800 1 78.2 1000 20500 3 388 .04 .7 8 81.8 1000 6190 1 1.2 2 1000 45000 2 J.75 10 84.6 4 86.3	Limits Concentration [mg/Kg (ppm)] 40

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER =		WO1 MOF	-05(A) -47	WO1 MOF	-05(A) -8	
SAMPLE TYPE ==	:====>	SPL		•	10/88	
	Quantitation	====		== ====	=======	
COMPOUND NAME	Limits			_	g/L (ppb)] =======	See footnote a
4 2 Dichlanesthanes(Tatal)	5					
1,2-Dichloroethenes(Total)	10					
1,3 Dichlorobenzene 1,4 Dichlorobenzene	10					
2,4 Dimethylphenol	10					
2-Butanone	10					
2-Butanone 2-Chlorophenol	10				36	
2-Methylnaphthalene	10				50	
2-Methylphenol	10					
4-Chloro-3-methylphenol	10				22	
4-Methyl-2-pentanone	10					
4-Methylphenol	10					
Acetone	10			В	13	
Benzene	5			_		
Benzoic acid	50					
Bis(2-Ethylhexyl)phthalate	10	В	4	J	4	
Carbon disulfide	5	_		-		
Chloroform	5					
Di-n-butylphthalate	10					
Diethylphthalate	10					
Ethyl benzene	5					
Methylene chloride	5	В	13	В	7	
N-nitroso-dipropylamine	10	_		_	·	
N-nitrosodiphenylamine	10					
Naphthalene	10					
Pentachlorophenol	50			J	24	
Phenol	10			-	33	
Toluene	5			В	2	
Total xylenes	5			_	_	
======================================	-					
Branched Hydro TIC (Total 0)	TIC					
Misc. TIC (Total 114)	TIC	d		d		
Unknown a TIC (Total 108)	ŤIC			_		
Unknown Hydro TIC (Total 10)	TIC					
Unknown Misc TIC (Total 3)	ŤÍČ					

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ===== SAMPLE NUMBER =======			W01-06(A) MOF-49
SAMPLE DATE ======= SAMPLE TYPE ========	>	DUP	09/14/88
Quant COMPOUND NAME Lim	itation nits Conce		ppb)] See footnote a
1,2-Dichloroethenes(Total) 5 1,3 Dichlorobenzene 10 1,4 Dichlorobenzene 10 2,4 Dimethylphenol 10 2-Butanone 10 2-Chlorophenol 10 2-Methylphenol 10 2-Methylphenol 10 4-Chloro-3-methylphenol 10 4-Methyl-2-pentanone 10 4-Methylphenol 10 Acetone 10 Benzene 5 Benzoic acid 550	В 3	В 4	
Bis(2-Ethylhexyl)phthalate 10 Carbon disulfide 5 Chloroform 5 Di-n-butylphthalate 10 Diethylphthalate 10 Ethyl benzene 5		J 3	В 2
Methylene chloride 5 N-nitroso-dipropylamine 10 N-nitrosodiphenylamine 10 Naphthalene 10 Pentachlorophenol 50 Phenol 10 Toluene 5 Total xylenes 5 ====================================	В 3	В 3	В 11
Branched Hydro TIC (Total 0) TIC Misc. TIC (Total 114) TIC Unknown @ TIC (Total 108) TIC Unknown Hydro TIC (Total 10) TIC Unknown Misc TIC (Total 3) TIC			d d

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATIO SAMPLE NUMBER		W01-07(A) MOF-54	W01-07(A) MOF-55	
	=====>	09/15/88	09/15/88 DUP	
	22222222	2222222222	5222225222	
	Quantitation		641 4	0
COMPOUND NAME	Limits	Concentrati	on [ug/L (ppb)]	See footnote a
	*************	**************************************	PA444122-1-1-	
1,2-Dichloroethenes(Total)	5			
1.3 Dichlorobenzene	10			
1,4 Dichlorobenzene	10			
2,4 Dimethylphenol	10			
2-Butanone	10			
2-Chlorophenol	10			
2-Methylnaphthalene	10			
2-Methylphenol	10			
4-Chloro-3-methylphenol	10			
4-Methyl-2-pentanone	10			
4-Methylphenol	10			
Acetone	10			
Benzene	5			
Benzoic acid	50			
Bis(2-Ethylhexyl)phthalate	10		B 8	
Carbon disulfide	5			
Chloroform	5			
Di-n-butylphthalate	10			
Diethylphthalate	10			
Ethyl benzene	5			
Methylene chloride	5		B 5	
N-nitroso-dipropylamine	10	_		
N-nitrosodiphenylamine	10	J 2		
Naphthalene	10			
Pentachlorophenol	50			
Phenol	10			
Toluene	5			
Total xylenes	5			
Branched Hydro TIC (Total 0)	TIC		_	
Misc. TIC (Total 114)	TIC	d	d	
Unknown a TIC (Total 108)	TIC	d	d	
Unknown Hydro TIC (Total 10)	TIC			
Unknown Misc TIC (Total 3)	TIC			

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATI SAMPLE NUMBER		W01-08(A) MOF-52	W01-08(A) MOF-9	
SAMPLE DATE SAMPLE TYPE	======>	09/15/88	08/11/88	
	=======================================	=======================================	=======================================	
	Quantitation			
COMPOUND NAME	Limits		on [ug/L (ppb)]	See footnote a
	=======================================	==========	============	
1,2-Dichloroethenes(Total)	5			
1,3 Dichlorobenzene	10			
1.4 Dichtorobenzene	10			
2,4 Dimethylphenol	10			
2-Butanone	10			
2-Chiorophenol	10			
2-Methylnaphthalene	10			
2-Methylphenol	10			
4-Chloro-3-methylphenol	10			
4-Methyl-2-pentanone	10			
4-Methylphenol	10			
Acetone	10		В 3	
Benzene	5			
Benzoic acid	50	J 6		
Bis(2-Ethylhexyl)phthalate	10			
Carbon disulfide	5			
Chloroform	5			
Di-n-butylphthalate	10			
Diethylphthalate	10			
Ethyl benzene	5	0 47	n 1	
Methylene chloride	5	в 13	B 2	
N-nitroso-dipropylamine	10 10			
N-nitrosodiphenylamine	10			
Naphthalene	50			
Pentachlorophenol Phenol	10			
Toluene	5			
Total xylenes	5			
========= TIC =========	•			
Branched Hydro TIC (Total 0)	TIC			
Misc. TIC (Total 114)		ď	d	
Unknown a TIC (Total 108)		ď	d	
Unknown Hydro TIC (Total 10)			d	
Unknown Misc TIC (Total 3)				

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====> SAMPLE NUMBER ======>		W01-09(F) MOF-12		WO1 MOF	-09(F) -53	
	======>		08/12/88		15/88	
***************************************	==========	====	=======	====	=======	
	Quantitation					
COMPOUND NAME	Limits				g/L (ppb)]	See footnote a
	=========	====	=======	====	=======	
4.0.01.11	•					
1,2-Dichloroethenes(Total)	5				19	
1,3 Dichlorobenzene	10 10				19	
1,4 Dichlorobenzene	10				240	
2,4 Dimethylphenol 2-Butanone	10		1000		120	
2-Butanone 2-Chlorophenol	10		1000		120	
2-Entorophenot 2-Methylnaphthalene	10					
2-Methythapithatene 2-Methylphenol	10				21	
4-Chloro-3-methylphenol	10					
4-Methyl-2-pentanone	10		220		24	
4-Methylphenol	iŏ		1900		6500	
Acetone	10	В	1500		210	
Benzene	5	_	.,,,,,			
Benzoic acid	50		1800		17000	
Bis(2-Ethylhexyl)phthalate	10					
Carbon disulfide	5					
Chloroform	5					
Di-n-butylphthalate	10					
Diethylphthalate	10					
Ethyl benzene	5		18			
Methylene chloride	5	В	130	В	11	
N-nitroso-dipropylamine	10				54	
N-nitrosodiphenylamine	10				1 9	
Naphthalene	10					
Pentachlorophenol	50					
Phenol	10		28		98	
Toluene	5		130		17	
Total xylenes	5		56		6	
======================================						
Branched Hydro TIC (Total 0)	TIC					
Misc. TIC (Total 114)	TIC	ď		ď		
Unknown a TIC (Total 108)	TIC	d		d		
Unknown Hydro TIC (Total 10)	TIC					
Unknown Misc TIC (Total 3)	TIC					

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

09/15/88

SAMPLE LOCATION ====> W01-10(F) W01-10(F)
SAMPLE NUMBER =====> M0F-13 M0F-48

SAMPLE DATE =====> 08/12/88 SAMPLE TYPE =====>

SAMPLE ITPE =						
	=======================================	====	=======			
COMPOUND NAME	Quantitation Limits				g/L (ppb)]	See footnote a
1,2-Dichloroethenes(Total)	5					
1,3 Dichtorobenzene	10					
1,4 Dichlorobenzene	10					
2,4 Dimethylphenol	10				64	
2-Butanone	10	В	49000		290	
2-Chlorophenol	10	_				
2-Methylnaphthalene	10					
2-Methylphenol	10				13	
4-Chloro-3-methylphenol	10					
4-Methyl-2-pentanone	10		8300			
4-Methylphenol	10				85	
Acetone	10	В	2700			
Benzene	5	-				
Benzoic acid	50			J	20	
Bis(2-Ethylhexyl)phthalate	10			В	23	
Carbon disulfide	5					
Chloroform	5					
Di-n-butylphthalate	10					
Diethylphthalate	10					
Ethyl benzene	5					
Methylene chloride	5	В	1300	В	22	
N-nitroso-dipropylamine	10					
N-nitrosodiphenylamine	10				16	
Naphthalene	10					
Pentachlorophenol	50					
Phenol	10					
Toluene	5		660		38	
Total xylenes	5 5				9	
======================================						
Branched Hydro TIC (Total 0)	TIC					
Misc. TIC (Total 114)	TIC	d		d		
Unknown a TIC (Total 108)	TIC	d	*	d		
Unknown Hydro TIC (Total 10)	TIC					
Unknown Misc TIC (Total 3)	TIC	d				

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

09/16/88

SAMPLE LOCATION ====> W01-11(F) W01-11(F) SAMPLE NUMBER =====> W01-14 W0F-58

SAMPLE DATE =====> 08/12/88 SAMPLE TYPE =====>

=======================================	=======================================	====	======	======	=======	
COMPONING MAKE	Quantitation	_				
COMPOUND NAME	Limits	Co	ncentra	ition (u	g/L (ppb)]	See footnote a
		====		======	=======	
1,2-Dichloroethenes(Total)	5					
1,3 Dichlorobenzene	10					
1,4 Dichlorobenzene	10					
2,4 Dimethylphenol	10				370	
2-Butanone	10					
2-Chlorophenol	10					
2-Methylnaphthalene	10			J	5	
2-Methylphenol	10				34	
4-Chloro-3-methylphenol	10					
4-Methyl-2-pentanone	10		84		16	
4-Methylphenol	10		23		2300	
Acetone	10	В	950		180	
Benzene	5		9			
Benzoic acid	50					
Bis(2-Ethylhexyl)phthalate	10					
Carbon disulfide	5					
Chloroform	5					
Di-n-butylphthalate	10					
Diethylphthalate	10				22	
Ethyl benzene	5		11			
Methylene chloride	5	В	47	В	22	
N-nitroso-dipropylamine	10					
N-nitrosodiphenylamine	10		25			
Naphthalene	10				14	
Pentachlorophenol	50					
Phenol	10				87	
Toluene	5		340		67	
Total xylenes	5		47			
======== TIC =========						
Branched Hydro TIC (Total 0)	TIC					
Misc. TIC (Total 114)	TIC	d		d		
Unknown a TIC (Total 108)	TIC	ď		d		
Unknown Hydro TIC (Total 10)	TIC	d				
Unknown Misc TIC (Total 3)	TIC			d		

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

W01-12(A) SAMPLE LOCATION ====> SAMPLE NUMBER =====> MOF-60 09/19/88 SAMPLE DATE =====> SAMPLE TYPE =====>

	=======================================	=======================================
	Quantitation	
COMPOUND NAME	Limits	Concentration [ug/L (ppb)] See footnote a
	=======================================	
4.0.00.00.00.00.00.00.00.00.00.00.00.00.	-	
1,2-Dichloroethenes(Total)	5 10	
1,3 Dichlorobenzene	10	
1,4 Dichlorobenzene		
2,4 Dimethylphenol	10	
2-Butanone	10	
2-Chlorophenol	10	
2-Methylnaphthalene	10	
2-Methylphenol	10	
4-Chloro-3-methylphenol	10	
4-Methyl-2-pentanone	10	
4-Methylphenol	10	
Acetone	10	
Benzene	5	
Benzoic acid	50	
Bis(2-Ethylhexyl)phthalate	10	J 4
Carbon disulfide	5	
Chloroform	5	
Di-n-butylphthalate	10	
Diethylphthalate	10	
Ethyl benzene	5	
Methylene chloride	5	
N-nitroso-dipropylamine	10	
N-nitrosodiphenylamine	10	
Naphthalene	10	
Pentachlorophenol	50	
Phenol	10	
Toluene	5	
Total xylenes	5	
========= TIC ==========		
Branched Hydro TIC (Total 0)	TIC	
Misc. TIC (Total 114)	TIC	
Unknown a TIC (Total 108)	TIC	
Unknown Hydro TIC (Total 10)	TIC	
Unknown Misc TIC (Total 3)	ŤĬĊ	

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE DATE SAMPLE TYPE	SAMPLE LOCATION SAMPLE NUMBER =		W01-TB MOF-10	W01-TB MOF-59
COMPOUND NAME	SAMPLE TYPE ==	====>	TRIP BLANK	TRIP BLANK
1,2-Dichloroethenes(Total) 5		Quantitation		
1,2-Dichloroethenes(Total) 5 1,3 Dichlorobenzene 10 NA NA NA 1,4 Dichlorobenzene 10 NA NA NA 2,4 Dimethylphenol 10 NA NA NA 2-Butanone 10 NA NA NA 2-Methylnaphthalene 10 NA NA NA 2-Methylphenol 10 NA NA NA 4-Chloro-3-methylphenol 10 NA NA NA 4-Chloro-3-methylphenol 10 NA NA NA 4-Methyl-2-pentanone 10 NA NA NA Acetone 5 NA NA NA Bis(2-Ethylhexyl)phthalate 10 NA NA NA Bis(2-Ethylhexyl)phthalate 10 NA NA NA Bis(2-Ethylhexyl)phthalate 10 NA NA NA Bis(black)phthalate 10 NA NA NA Diethylphthalate 10 NA NA NA Diethylphthalate 10 NA NA NA NA Diethylphthalate 5 NA NA NA NA Diethylene chloride 5 NA NA NA NA Nahylene chloride 5 NA NA NA NA Nahylene chloride 5 NA NA NA NA Nahylthalane 10 NA NA NA Nahylthalane 5 NA NA NA NANANA NA NA NANANA NA NA NANANA NA NA NANANA NA NANANA NA NANANA NA NANANA NA NANANA NA NANANA NA NANA NA NANANA NA NANA NA NANANA NA NANANA NA NA NANANA NA NANANA NA NA NANANA NA NA N	= = : ::			
1,3 Dichlorobenzene 10 NA NA NA 1,4 Dichlorobenzene 10 NA NA NA NA 2,4 Dichlorobenzene 10 NA		=======	===========	
1,3 Dichlorobenzene 10 NA NA NA 1,4 Dichlorobenzene 10 NA NA NA NA 2,4 Dichlorobenzene 10 NA	1.2-Dichloroethenes(Total)	5		
1,4 Dichlorobenzene 10 NA NA NA			NA	NA
2,4 Dimethylphenol			NA	NA
2-Butanone 10 2-Chlorophenol 10 NA NA NA 2-Methylnaphthalene 10 NA NA NA 4-Chloro-3-methylphenol 10 NA NA NA 4-Chloro-3-methylphenol 10 NA NA NA 4-Methyl-2-pentanone 10 NA NA NA Acetone 10 NA NA NA Acetone 10 NA NA NA Acetone 5 Benzone 5 Benzone 5 Benzonic acid 50 NA NA NA Bis(2-Ethylhexyl)phthalate 10 NA NA NA Carbon disulfide 5 NA 12 Chloroform 5 J 3 12 Chloroform 5 J 3 NA NA Diethylphthalate 10 NA NA NA Diethylphthalate 5 NA NA NA NA Diethylphthalate 5 NA NA NA NA Diethylphthalate 5 NA			NA	NA
2-Chlorophenol 10 NA				
2-Methylnaphthalene 10 NA		10	NA	NA
2-Methylphenol 10 NA				NA
4-Chloro-3-methylphenol 10			NA	NA
4-Methyl-2-pentanone 10 4-Methylphenol 10 NA NA NA Acetone 10 B 17 Benzene 5 Benzoic acid 50 NA NA NA Bis(2-Ethylhexyl)phthalate 10 NA NA NA Carbon disulfide 5 NA 12 Chloroform 5 J 3 Di-n-butylphthalate 10 NA NA NA Diethylphthalate 10 NA NA NA Ethyl benzene 5 Methylene chloride 5 B 130 B 5 N-nitroso-dipropylamine 10 NA NA NA N-nitroso-dipropylamine 10 NA NA NA N-nitrosodiphenylamine 10 NA NA NA N-pentachlorophenol 50 NA NA NA Pentachlorophenol 50 NA NA NA Toluene 5 Total xylenes 5 ===================================		10	NA	NA
4-Methylphenol 10 NA	4-Methyl-2-pentanone	10		
Acetone 10 B 17 Benzene 5 Benzoic acid 50 NA NA NA Bis(2-Ethylhexyl)phthalate 10 NA NA Carbon disulfide 5 NA 12 Chloroform 5 J 3 12 Chloroform 5 J 3 NA NA Diethylphthalate 10 NA NA NA Ethyl benzene 5 Methylene chloride 5 B 130 B 5 N-nitroso-dipropylamine 10 NA NA NA N-nitroso-dipropylamine 10 NA NA NA N-nitrosodiphenylamine 10 NA NA NA N-pentachlorophenol 50 NA NA NA Pentachlorophenol 50 NA NA NA Toluene 5 Total xylenes 5 ===================================			NA	NA
Benzene				
Benzoic acid 50		5		
Bis(2-Ethylhexyl)phthalate		50	NA	NA
Carbon disulfide 5 NA 12 Chloroform 5 J 3 Di-n-butylphthalate 10 NA NA Diethylphthalate 10 NA NA Ethyl benzene 5 Methylene chloride 5 B 130 B 5 N-nitroso-dipropylamine 10 NA NA N-nitrosodiphenylamine 10 NA NA Naphthalene 10 NA NA Naphthalene 10 NA NA Pentachlorophenol 50 NA NA Phenol 10 NA NA NA NA Phenol 10 NA NA NA NA Phenol 10 NA NA NA NA NA NA NA Phenol 10 NA		10	NA	NA
Chloroform		5	NA	12
Di-n-butylphthalate				
Diethylphthalate			NA	NA
Ethyl benzene 5 Methylene chloride 5 B 130 B 5 N-nitroso-dipropylamine 10 NA NA N-nitrosodiphenylamine 10 NA NA Naphthalene 10 NA NA Pentachlorophenol 50 NA NA Phenol 10 NA NA Toluene 5 Total xylenes 5 ====================================				NA
Methylene chloride 5 B 130 B 5 N-nitroso-dipropylamine 10 NA NA N-nitrosodiphenylamine 10 NA NA Naphthalene 10 NA NA Pentachlorophenol 50 NA NA Phenol 10 NA NA Toluene 5 NA NA Total xylenes 5 S S ====================================				
N-nitroso-dipropylamine 10 NA NA NA NA NA N-nitrosodiphenylamine 10 NA			в 130	B 5
N-nitrosodiphenylamine 10 NA NA NA NA Naphthalene 10 NA NA NA NA Pentachlorophenol 50 NA NA NA Phenol 10 NA NA NA Toluene 5 Total xylenes 5 To				NA
Naphthalene 10 NA NA Pentachlorophenol 50 NA NA Phenol 10 NA NA Toluene 5 NA NA Total xylenes 5 S S ====================================			NA	NA
Pentachlorophenol 50 NA NA Phenol 10 NA NA Toluene 5 S Total xylenes 5 ====================================		10	NA	NA
Phenol 10 NA NA Toluene 5 Total xylenes 5 ========== TIC ========== Branched Hydro TIC (Total 0) TIC Misc. TIC (Total 114) TIC Unknown @ TIC (Total 108) TIC		50	NA	NA
Toluene 5 Total xylenes 5 ========== TIC =========================		10		NA
Branched Hydro TIC (Total 0) TIC Misc. TIC (Total 114) TIC Unknown a TIC (Total 108) TIC	Toluene	5		
Branched Hydro TIC (Total 0) TIC Misc. TIC (Total 114) TIC Unknown a TIC (Total 108) TIC	Total xylenes	5		
Misc. TIC (Total 114) TIC Unknown a TIC (Total 108) TIC				
Misc. TIC (Total 114) TIC Unknown a TIC (Total 108) TIC	Branched Hydro TIC (Total 0)	TIC		
Unknown a TIC (Total 108) TIC		TIC		
Unknown Hydro TIC (Total 10) TIC		TIC		
Unknown Misc TIC (Total 3) TIC				

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATI SAMPLE NUMBER	* *	JAGEL SLOUG MOF-15	H-1JAGEL SLOUGH-1 MOF-19	
SAMPLE DATE SAMPLE TYPE	=====>	08/16/88	08/16/88	
**********************		=========	= =====================================	
	Quantitation			0 (
COMPOUND NAME	Limits		ion [ug/L (ppb)]	See footnote a
	=======================================			
1,2-Dichloroethenes(Total)	5			
1.3 Dichlorobenzene	10		NA	
1.4 Dichlorobenzene	10		NA	
2,4 Dimethylphenol	10		NA	
2-Butanone	10			
2-Chlorophenol	10		NA	
2-Methylnaphthalene	10		NA	
2-Methylphenol	10		NA	
4-Chloro-3-methylphenol	10		NA	
4-Methyl-2-pentanone	10			
4-Methylphenol	10		NA	
Acetone	10	B 4	В 7	
Benzene	5			
Benzoic acid	50		NA	
Bis(2-Ethylhexyl)phthalate	10	J 3	NA	
Carbon disulfide	5			
Chloroform	5			
Di-n-butylphthalate	10		NA	
Diethylphthalate	10		NA	
Ethyl benzene	5			
Methylene chloride	5	B 6	В 59	
N-nitroso-dipropylamine	10		NA	
N-nitrosodiphenylamine	10		NA	
Naphthalene	10		NA	
Pentachlorophenol	50		NA	
Phenol	10		NA	
Toluene	5			
Total xylenes	5			
========= TIC =========				
Branched Hydro TIC (Total 0)	TIC			
Misc. TIC (Total 114)	TIC	d		
Unknown a TIC (Total 108)	TIC	d		
Unknown Hydro TIC (Total 10)				
Unknown Misc TIC (Total 3)	TIC			

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATIO SAMPLE NUMBER		W01 MOF	-13(F) -31	WO1 MOF	-13(F) -32	WOT	-13(F) -56	
	=====>		19/88	DUP			16/88	
***********************	Quantitation	====		=====	======	== ====	=======	
COMPOUND NAME	Limits	Co	ncentra	tion (u	a/L (ppi	b)) Se	e footnote a	
	=======================================						=======	
4 6 5 1 1 1 4 5 1 1	•		•					
1,2-Dichloroethenes(Total)	5 10		2					
1,3 Dichlorobenzene	10		12		35		21	
1,4 Dichlorobenzene 2,4 Dimethylphenol	10		12		33		L 1	
2-Butanone	10							
2-Butanone 2-Chlorophenol	10							
2-Enter opnered 2-Methylnaphthalene	10							
2-Methylphenol	10							
4-Chloro-3-methylphenol	10							
4-Methyl-2-pentanone	10							
4-Methylphenol	10							
Acetone	10	В	12	В	16		14	
Benzene	5	Ĩ	3	J	3		• •	
Benzoic acid	50	•	•	-	-	J	37	
Bis(2-Ethylhexyl)phthalate	10		31		19	_		
Carbon disulfide	5							
Chloroform	5							
Di-n-butylphthalate	10							
Diethylphthalate	10							
Ethyl benzene	5		8		9		6	
Methylene chloride	5	В	6	В	3	В	22	
N-nitroso-dipropylamine	10							
N-nitrosodiphenylamine	10						14	
Naphthalene	10							
Pentachlorophenol	50							
Phenol	10							
Toluene	5	J	2	J	2		,	
Total xylenes	5		10		11			
========= TIC =========								
Branched Hydro TIC (Total 0)	TIC							
Misc. TIC (Total 114)	TIC	d		d		d		
Unknown a TIC (Total 108)	TIC	ď		d		ď		
Unknown Hydro TIC (Total 10)	TIC	d						
Unknown Misc TIC (Total 3)	TIC							

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-EQ W01-EQ SAMPLE NUMBER =====> MOF-11 MOF-57 SAMPLE DATE =====> 08/12/88 09/16/88 SAMPLE TYPE =====> EQUIP.RNSE EQUIP.RNSE ------------Quantitation COMPOUND NAME Limits Concentration [ug/L (ppb)] See footnote a -----------------1,2-Dichloroethenes(Total) 1,3 Dichlorobenzene 10 1,4 Dichlorobenzene 10 2.4 Dimethylphenol 10 2-Butanone 10 2-Chiorophenol 10 2-Methylnaphthalene 10 2-Methylphenol 10 4-Chloro-3-methylphenol 10 4-Methyl-2-pentanone 10 4-Methylphenol 10 Acetone 10 B 6 Benzene 5 50 Benzoic acid Bis(2-Ethylhexyl)phthalate 10 B 2 Carbon disulfide 5 Chloroform 5 Di-n-butylphthalate 10 B 2 Diethylphthalate 10 Ethyl benzene 5 5 Methylene chloride B 3 B 32 N-nitroso-dipropylamine 10 N-nitrosodiphenylamine 10 Naphthalene 10 Pentachlorophenol 50 10 Phenol 5 Toluene 5 Total xylenes ========= TIC ========= Branched Hydro TIC (Total 0) TIC Misc. TIC (Total 114) TIC d Unknown a TIC (Total 108) TIC Unknown Hydro TIC (Total 10) TIC Unknown Misc TIC (Total 3) TIC

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-3 Site 1 Analytical Results Summary Water Sample Organic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-FB SAMPLE NUMBER =====> W0F-7

SAMPLE DATE =====> 08/10/88 SAMPLE TYPE =====> FIELD BLNK

O/D EE 11116	=====>	FIELD BLNK
	**********	************
	Quantitation	O
COMPOUND NAME	Limits	Concentration [ug/L (ppb)] See footnote a
	=======================================	
1,2-Dichloroethenes(Total)	5	
1,3 Dichlorobenzene	10	
1,4 Dichlorobenzene	10	
2,4 Dimethylphenol	10	
2-Butanone	10	
2-Chlorophenol	10	
2-Methylnaphthalene	10	
2-Methylphenol	10	
4-Chloro-3-methylphenol	10	
4-Methyl-2-pentanone	10	
4-Methylphenol	10	
Acetone	10	B 14
Benzene	5	
Benzoic acid	50	
Bis(2-Ethylhexyl)phthalate	10	
Carbon disulfide	5	
Chloroform	5	
Di-n-butylphthalate	10	
Diethylphthalate	10	
Ethyl benzene	5	
Methylene chloride	5	В 7
N-nitroso-dipropylamine	10	
N-nitrosodiphenylamine	10	
Naphthalene	10	
Pentachlorophenol	50	
Phenol	10	
Toluene	5	B 1
Total xylenes	5	
========= TIC ==========		
Branched Hydro TIC (Total 0)	TIC	
Misc. TIC (Total 114)	TIC	
Unknown a TIC (Total 108)	TIC	
Unknown Hydro TIC (Total 10)	TIC	
Unknown Misc TIC (Total 3)	TIC	

TIC indicates an estimated concentration for tentatively identified compounds where 1:1 reponse is assumed.

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

	Quantitation			
COMPOUND NAME	Limits	Concentration	[ug/L (ppb)]	See footnote a
	=======================================	=======================================		
Atuminum	200	J 34.7		
Antimony	60	155	676	
Arsenic	10			
Barium	200	J 44.9	271	
Beryllium	5			
Bicarbonate	1 (mg/L)		2100	
Cadmium	5		43	
Calcium	5000	37200	322000	
Carbonate	1 (mg/L)	2000		
Chloride	.1 (mg/L)	94000	22000	
Chromium	10		173	
Cobalt	50		62.1	
Copper	25		26.5	
fluoride	.1 (mg/L)		57	
Iron	100	20 8	1750	
Lead	5		5.4	
Magnes i um	5000	149000	1600000	
Manganese	15	190	1430	
Mercury	.2			
Nickel	40		117	
Nitrate	.1 (mg/L)			
Potassium	5000	32400	328000	
Selenium	5		5.9	
Silver	10	J 5.2	25.9	
Sodium	5000	1280000	11600000	
Sulfate	.2 (mg/L)	6.9	640	
TDS	1 (mg/L)	>20000	>20000	
Thallium	10			
Vanadium	50		88.9	
Zinc	20	J 12.1	26	

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

SAMPLE DATE SAMPLE TYPE SAMPLE TYPE TYPE SAMPLE TYPE TYPE SAMPLE TYPE TYPE SAMPLE TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYP		IPLE LOCATION IPLE NUMBER		W01-06(A) M0F-23	W01-06(A) MOF-25	W01-06(A) M0F-49
COMPOUND NAME	SAM	IPLE TYPE =	-		DUP	• • •
COMPOUND NAME	****************	====±±±±==	· · · · · · · · · · · · · · · · · · ·	=======================================	*********	=======================================
Aluminum 200 J 34.4 J 58.5 Antimony 60 559 601 Arsenic 10 Barium 200 J 126 J 53.6 Beryllium 5 5.2 Bicarbonate 1 (mg/L) 1200 1200 820 Cadmium 5 5 Calcium 5000 5510 434000 541000 Carbonate 1 (mg/L) 24000 22000 30000 Chromium 10 173 Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride 1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 100 J 44.8 3490 260 Manganese 15 27.2 2150 6970 Manganese 15 27.2 2150 6970 Manganese 15 27.2 2150 6970 Martiate 1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5 Silver 10 J 5.3 34.6 Sodium 5000 12000 870000 1450000 Sulfate 2 2 2300 2400 3100 TDS 1 (mg/L) > 20000 > 20000 > 20000 Thallium 10 Vanadium 10 Vanadium 50 J 4.8 102	COMPONING HAM					
Aluminum Antimony Antimony Ansenic Barium 200 Barium 200 Beryllium 5 Bicarbonate 1 (mg/L) Calcium 5000 Carbonate 1 (mg/L) Calcium 5000 Carbonate 1 (mg/L) Chloride 1 (mg/L) Chloride 1 (mg/L) Cobalt 500 Cobalt 500 Copper 25 J 5.6 J 11 84.3 Copper 25 J 5.6 J 11 84.3 Copper 25 J 5.6 J 11 84.3 Copper 100 J 44.8 J490 J490 J490 J490 J490 J490 J490 J490		-				
Antimony 60 559 601 Arsenic 10 Barium 200 J 126 J 53.6 Beryllium 5 5.2 Bicarbonate 1 (mg/L) 1200 1200 820 Cadmium 5 47.8 Calcium 5000 5510 434000 541000 Carbonate 1 (mg/L) 24000 22000 30000 Chromium 10 173 Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride 1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 Nitrate 40 Nitrate 40 Nitrate - 1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TOS 1 (mg/L) >20000 >20000 > 20000 Thallium 100 Vanadium 50 J 4.8 102						
Antimony 60 559 601 Arsenic 10 Barium 200 J 126 J 53.6 Beryllium 5 5.2 Bicarbonate 1 (mg/L) 1200 1200 820 Cadmium 5 47.8 Calcium 5000 5510 434000 541000 Carbonate 1 (mg/L) 24000 22000 30000 Chromium 10 173 Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride 1, (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 3490 260 Lead 5 399 Megnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 16 (mg/L) 27.2 Nickel 40 177 Nitrate 1 (mg/L) 25.3 Solou 30000 147 Mitrate 1 (mg/L) 27.2 Potassium 5000 6610 372000 451000 Selenium 5000 121000 870000 Selenium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 Sulfate .2 2300 2400 3100 Thallium 10 Vanadium 50 J 4.8	Aluminum		200	J 34.4	J 58.5	
Arsenic 10 Barium 200 J 126 J 53.6 Beryllium 5 Bicarbonate 1 (mg/L) 1200 1200 820 Cadmium 5 Calcium 5000 5510 434000 541000 Carbonate 1 (mg/L) 24000 22000 30000 Chronide .1 (mg/L) 24000 22000 30000 Chromium 10 Choronium 10 Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride .1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 Iron 100 J 44.8 3490 260 Lead 5 Ragnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 Nickel 40 Nitrate .1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5 Silver 10 J 5.3 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) > 20000 > 20000 > 20000 Thallium 10 Vanadium 50 J 4.8	Antimony		60			601
Beryllium 5 3.2 Bicarbonate 1 (mg/L) 1200 1200 820 Cadmium 5 47.8 47.8 541000 Carbonate 1 (mg/L) 5510 434000 541000 Carbonate 1 (mg/L) 24000 22000 30000 Chroride .1 (mg/L) 24000 22000 30000 Chromium 10 173 173 173 Cobalt 50 J 11 84.3 3 Copper 25 J 5.6 36.5 5 Fluoride .1 (mg/L) 65 63 1 Iron 100 J 44.8 3490 260 Lead 5 139 139 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 .2 Nickel 40 147 .2 <t< td=""><td>Arsenic</td><td></td><td>10</td><td></td><td></td><td>***</td></t<>	Arsenic		10			***
Bicarbonate 1 (mg/L) 1200 1200 820 Cadrium 5 47.8 Catcium 5000 5510 434000 541000 Carbonate 1 (mg/L) 24000 22000 30000 Chtoride .1 (mg/L) 24000 22000 30000 Chromium 10 173 173 173 Cobalt 50 J 11 84.3 2000 2000 30000 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 173 174 174 174 174 174 174 174 174 174 174 174 174 174 174 174 174 <td>Barium</td> <td></td> <td>200</td> <td></td> <td>J 126</td> <td>J 53.6</td>	Barium		200		J 126	J 53.6
Cadmium 5 47.8 Calcium 5000 5510 434000 541000 Carbonate 1 (mg/L) 24000 22000 30000 Chloride .1 (mg/L) 24000 22000 30000 Chromium 10 173 173 Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride .1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 139 139 Magnesium 5000 18100 1360000 198000 Marganese 15 27.2 2150 6970 Mercury .2 .2 .2 .2 Nickel 40 147 Nitrate .1 (mg/L) Selenium 5 Silver 10 J 5.3 Sodium 5000 121000 870000	Beryllium		5			5.2
Calcium 5000 5510 434000 541000 Carbonate 1 (mg/L) 24000 22000 30000 Chroride .1 (mg/L) 24000 22000 30000 Chromium 10 173 Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride .1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 .2 Nickel 40 147 .2 .2 .2 Nitrate .1 (mg/L) 5000 6610 372000 451000 Selenium 5 .3 34.6 .6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 Thallium 10	Bicarbonate		1 (mg/L)	1200	1200	820
Carbonate 1 (mg/L) 24000 22000 30000 Chromium 10 173 173 Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride .1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 .2 Nickel 40 147 .2 .2 .2 Nickel 40 372000 451000 5000 6610 372000 451000 Selenium 5 5 34.6 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 1DS 10 Thallium 10 10 10 10 10 10 10 10 10 10 10 10 10 10 </td <td>Cadmium</td> <td></td> <td></td> <td></td> <td></td> <td>47.8</td>	Cadmium					47.8
Chtoride .1 (mg/L) 24000 22000 30000 Chromium 10 173 Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride .1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 139 1360000 198000 Magnesium 5000 18100 1360000 198000 Mercury .2 .2 27.2 2150 6970 Mercury .2 .2 .2 .2 Nickel 40 147 .2 .2 Nickel 40 147 .2 .2 Nickel 40 372000 451000 .2 Selenium 5 .3 .34.6 .6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 Thallium 10 10 10 10 10 10 Vanadium	Calcium		5000	5510	434000	541000
Chromium 10 173 Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride .1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 139 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 Nickel 40 147 147 Nitrate .1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 IDS 1 (mg/L) >20000 >20000 >20000 Thallium 10 4.8 102	Carbonate		1 (mg/L)			
Cobalt 50 J 11 84.3 Copper 25 J 5.6 36.5 Fluoride .1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 .2 Nickel 40 147 .2 .2 .2 Nitrate .1 (mg/L) .2 .2 .2 .2 .2 Nitrate .1 (mg/L) .2 .2 .3 .3 .46 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .3 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	Chloride			24000	22000	30000
Copper 25 J 5.6 36.5 Fluoride .1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 .2 Nickel 40 147 .2 .2 Nitrate .1 (mg/L) .2 .2 .2 Potassium 5000 6610 372000 451000 Selenium 5 .2 .3 .34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 >20000 Thallium 10 4.8 102						173
Fluoride .1 (mg/L) 65 63 Iron 100 J 44.8 3490 260 Lead 5 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 Nickel 40 147 .2 Nitrate .1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 > 20000 Thallium 10 Vanadium 50 J 4.8 102	Cobalt					
Iron 100 J 44.8 3490 260 Lead 5 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 Nickel 40 147 Nitrate .1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 IDS 1 (mg/L) >20000 >20000 > 20000 Thallium 10 Vanadium 50 J 4.8 102	Copper		25		J 5.6	36.5
Lead 5 139 Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 Nickel 40 147 .147 Nitrate .1 (mg/L) .1 .1 Potassium 5000 6610 372000 451000 Selenium 5 Silver 10 J 5.3 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 >20000 Thallium 10 Vanadium 50 J 4.8 102	Fluoride			65	63	
Magnesium 5000 18100 1360000 198000 Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 Nickel 40 147 Nitrate .1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 > 20000 Thallium 10 4.8 102	Iron			J 44.8	3490	
Manganese 15 27.2 2150 6970 Mercury .2 .2 .2 Nickel 40 147 Nitrate .1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5 Silver 10 J 5.3 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 >20000 Thallium 10 Vanadium 50 J 4.8 102						
Mercury .2 .2 Nickel 40 147 Nitrate .1 (mg/L) 147 Potassium 5000 6610 372000 451000 Selenium 5 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 > 20000 Thallium 10 Vanadium 50 J 4.8 102	Magnes i um					
Nicket 40 147 Nitrate .1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5 Silver 10 J 5.3 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 >20000 Thallium 10 Vanadium 50 J 4.8 102	Manganese			27.2	2150	
Nitrate .1 (mg/L) Potassium 5000 6610 372000 451000 Selenium 5 Silver 10 J 5.3 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 >20000 Thallium 10 Vanadium 50 J 4.8 102						
Potassium 5000 6610 372000 451000 Selenium 5 34.6 Silver 10 J 5.3 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 >20000 Thallium 10 Vanadium 50 J 4.8 102						147
Selenium 5 Silver 10 J 5.3 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 > 20000 Thallium 10 Vanadium 50 J 4.8 102						
Silver 10 J 5.3 34.6 Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 > 20000 Thallium 10 Vanadium 50 J 4.8 102				6610	372000	451000
Sodium 5000 121000 870000 1450000 Sulfate .2 2300 2400 3100 IDS 1 (mg/L) >20000 >20000 > 20000 Thallium 10 Vanadium 50 J 4.8 102						
Sulfate .2 2300 2400 3100 TDS 1 (mg/L) >20000 >20000 > 20000 Thallium 10 Vanadium 50 J 4.8 102						
TDS 1 (mg/L) >20000 >20000 > 20000 Thallium 10 Vanadium 50 J 4.8 102						
Thallium 10 10 Vanadium 50 J 4.8 102						
Vanadium 50 J 4.8 102			1 (mg/L)	>20000	>20000	> 20000
Zinc 20 J 6.6 29.6				J 4.8		
	Zinc		20		J 6.6	29.6

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

SAI	MPLE LOCATIO	W ====>	W01	-07(A)	W01	-07(A)	
SAI	MPLE NUMBER	*====>	MOF	-54	MOF		
		=====>	09/	15/88	09/	15/88	
SAI	MPLE TYPE =	=====>			DUP		
***********	*********	**********	====	=======	====	=======	
		Quantitation					
COMPOUND NAI	-	Limits	Co	ncentrati	on [u	g/L (ppb)]	See footnote a
***************		=========	====	=======	====	=======	
Atuminum		200	J	25	J	25.3	
Antimony		60	•	88.9	•	86.9	
Arsenic		10		00.7		50.7	
Barium		200	J	16.9	J	16.8	
Beryllium		5	_		_		
Bicarbonate		1 (mg/L)		690		680	
Cadmium		5					
Calcium		5000		31400		32500	
Carbonate		1 (mg/L)					
Chloride		.1 (mg/L)		27000		30000	
Chromium		10					
Cobalt		50					
Copper		25					
Fluoride		.1 (mg/L)					
Iron		100		181		197	
Lead		5					
Magnes i um		5000		93600		97000	
Manganese		15		363		377	
Mercury		.2					
Nickel		40					
Nitrate		.1 (mg/L)					
Potassium		5000		17400		1810 0	
Selenium		5					
Silver		10	J	5.6	J	4.8	
Sodium		5000		811000		842000	
Sulfate		.2 (mg/L)		3600		4300	
TDS		1 (mg/L)	2	>20000	:	>20000	
Thallium		10					
Vanadium		50					
Zinc		20	J	4.9	J	4.3	

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-08(A) W01-08(A) SAMPLE NUMBER =====> M0F-52 M0F-9

SAMPLE DATE ======> 09/15/88 08/11/88 SAMPLE TYPE ======>

	Quantitation		
COMPOUND NAME	Limits	Concentration [ug/L (•
	**********	=======================================	===
Aluminum	200	639	
Antimony	60	554 480	
Arsenic	10	J 6	
Barium	200	J 64.9 J 111	
Beryllium	5	5.1	
Bicarbonate	1 (mg/L)	1500 1500	
Cadmium	5	42	
Calcium	5000	370000 43000	00
Carbonate	1 (mg/L)		
Chloride	.1 (mg/L)	26000 23000)
Chromium	10	157	
Cobalt	50	69.6 J 6.9	
Copper	25	30.6	
Fluoride	.1 (mg/L)	70	
Iron	100	2070 2670	
Lead	5		
Magnesium	5000	1590000 15700	000
Manganese	15	1420 1570	
Mercury	.2	.4	
Nickel	40	121	
Nitrate	.1 (mg/L)		
Potassium	5000	378000 34 000	0
Selenium	5	125	
Silver	10	29.2 64.6	
Sodium	5000	12100000 11700	000
Sulfate	.2 (mg/L)	1400 1700	
TDS	1 (mg/L)	>20000 >20000	l
Thallium	10	90	
Vanadium	50	90.4 138	
Zinc	20	27.1 32.7	

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-4
Site 1 Analytical Results Summary
Water Sample Inorganic Analyses
NAS MOFFETT FIELD

 SAMPLE LOCATION ====>
 W01-09(F)
 W01-09(F)

 SAMPLE NUMBER =====>
 M0F-12
 M0F-53

 SAMPLE DATE ======>
 08/12/88
 09/15/88

 DUP
 DUP

	Quantitation	
COMPOUND NAME	Limits	Concentration [ug/L (ppb)] See footnote a
Aluminum	200	J 5.9 J 11.9
Antimony	60	84.2
Arsenic	10	11
Barium	200	J 51.3 317
Beryllium	5	
Bicarbonate	1 (mg/L)	2200 2600
Cadmium	5	
Calcium	5000	5620 2800 0
Carbonate	1 (mg/L)	
Chloride	.1 (mg/L)	32000 29000
Chromium	10	
Cobalt	50	
Copper	25	
Fluoride	.1 (mg/L)	140
Iron	100	377 584
Lead	5	
Magnes i um	5000	19300 91800
Manganese	15	35.6
Mercury	.2	
Nickel	40	
Nitrate	.1 (mg/L)	
Potassium	5000	J 4850 17800
Selenium	5	
Silver	10	
Sodium	5000	143000 751000
Sulfate	.2 (mg/L)	26
TDS	1 (mg/L)	>20000 >20000
Thallium	10	130
Vanadium	50	
Zinc	20	J 11.5

NA - Not Analyzed.

Volume II: Sampling and Analysis Plan, March, 1988.

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California,

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

 SAMPLE LOCATION ====>
 W01-10(F)
 W01-10(F)

 SAMPLE NUMBER =====>
 M0F-13
 M0F-48

SAMPLE DATE ======> 08/12/88 09/15/88 SAMPLE TYPE ======>

COMPOUND NAME	Quantitation Limits	Concentration [ug/L (ppb)]	See footnote a
Aluminum	200	387 J 5	
Antimony	60	427 J 25.9	
Arsenic	10	29.2 J 9	
Barium	200	1060 J 66.1	
Beryllium	5	1000 3 00.1	
Bicarbonate	í (mg/L)	J 2100	
Cadmium	5	2100	
Calcium	5000	346000 12000	
Carbonate	1 (mg/L)	J	
Chloride	.1 (mg/L)	4900 6800	
Chromium	10	.,,,,	
Cobalt	50		
Copper	25		
Fluoride	.1 (mg/L)	38	
Iron	100	8290	
Lead	5		
Magnesium	5000	488000 27800	
Manganese	15	3600 J 8.9	
Mercury	.2		
Nickel	40	78.8	
Nitrate	.1 (mg/L)	4	
Potassium	5000	67500 J 4050	
Selenium	5		
Silver	10	29.9	
Sodium	5000	2190000 153000	
Sulfate	.2 (mg/L)	61 68	
TDS	1 (mg/L)	10800 10000	
Thallium	10		
Vanadium	50	J 13	
Zinc	20	296 J 3.6	

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-11(F) W01-11(F)
SAMPLE NUMBER =====> W01-14 W0F-58

SAMPLE DATE ======> 08/12/88 09/16/88
SAMPLE TYPE ======>

SAMPLE TIPE -	/		
	# = # # = = = = = = = = = = = = = = = =	*********************	
	Quantitation		
COMPOUND NAME	Limits	Concentration [ug/L (ppb)]	See footnote a
	22222223322	********************	
Aluminum	200	5520 J 46.1	•
Antimony	60	2390 114	
Arsenic	10	19	
Barium	200	4520 315	
Beryllium	5		
Bicarbonate	1 (mg/L)	J 2200	
Cadmium	5		
Calcium	5000	240000 11600	
Carbonate	1 (mg/L)	J	
Chloride	.1 (mg/L)	48000 53000	
Chromium	10	405	
Cobalt	50		
Copper	25		
Fluoride	.1 (mg/L)	12	
Iron	100	107000 J 8.3	
Lead	5	91	
Magnes i um	5000	1480000 124000	
Manganese	15	1770 45.2	
Mercury	.2		
Nickel	40	310	
Nitrate	.1 (mg/L)	20	
Potassium	5000	618000 56400	
Selenium	5		
Silver	10	757	
Sodium	5000	16400000 1680000	
Sulfate	.2 (mg/L)	30	
TDS	1 (mg/L)	>20000 >20000	
Thallium	10	140	
Vanadium	50	458	
Zinc	20	246 J 10.8	

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California,
Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-12(A)
SAMPLE NUMBER =====> M0F-60

SAMPLE DATE =====> 09/19/88 SAMPLE TYPE =====>

	Quantitation		
COMPOUND NAME	Limits	Concentration [ug/L (ppb)] S	ee footnote a
	######################################		
Aluminum	200	1840	
Antimony	60	1610	
Arsenic	10		
Barium	200	407	
Beryllium	5		
Bicarbonate	1 (mg/L)	1300	
Cadmium	5	5.2	
Calcium	5000	457000	
Carbonate	1 (mg/L)		
Chloride	.1 (mg/L)	25000	
Chromium	10	41.1	
Cobalt	50		
Copper	25	41.1	
Fluoride	.1 (mg/L)		
Iron	100	10200	
Lead	5		
Magnes i um	5000	1510000	
Manganese	15	4000	
Mercury	.2		
Nickel	40	44.7	
Nitrate	.1 (mg/L)		
Potassium	5000	361000	
Selenium	5		
Silver	10	276	
Sodium	5000	11000000	
Sulfate	.2 (mg/L)	2100	
TDS	1 (mg/L)	> 20000	
Thallium	10	90	
Vanadium	50	152	
Zinc	20	65.5	

NA - Not Analyzed.

- a No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.
- d One or more unknown compounds were detected; see complete data tables for retention times and concentrations.
- J The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.
- B The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

 Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California,
 Volume II: Sampling and Analysis Plan, March, 1988.

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MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

SAMPLE DATE SAMPLE TYPE		SAMPLE LOCATIO SAMPLE NUMBER		WOT-	13(F) 31	W01-	13(F) 32	WOT-	13(F) 56
COMPOUND NAME Limits Concentration [ug/L (ppb)] See footnote a concentration [ug/L (ppb)] See footnote accentration [ug/L (ppb)] See		SAMPLE TYPE' =	*====>	-	-	DUP		09/1	6/88
COMPOUND NAME		*======================================		25555	=======================================	====	======	=====	=======
Aluminum 200 704 573 Antimony 60 627 518 J 30 Arsenic 10 J 7 Barium 200 994 981 J 39.5 Beryllium 5 5.9 Bicarbonate 1 (mg/L) 2500 2500 2400 Cadmium 5 Calcium 5000 213000 227000 12600 Carbonate 1 (mg/L) Chloride 1 (mg/L) 7600 7500 15000 Chromium 10 Cobalt 50 J 15.6 Copper 25 Fluoride 1 (mg/L) 27 160 Iron 100 2290 5000 J 12.2 Lead 5 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3				0			// /		
Aluminum 200 704 573 Antimony 60 627 518 J 30 Arsenic 10 J 7 Barium 200 994 981 J 39.5 Beryllium 5 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.9 5.0 2500 2400 2400 2200 2400 2200 2500 2400 2200 2500 2400 2200 2500 2400 2200 2500 2400 2200 2500 2400 2200 2500 2400 2200 2500 2400 2200 2500 2500 2400 2200 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 2500 <t< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></t<>									
Antimony 60 627 518 J 30 Arsenic 10 J 7 Barium 200 994 981 J 39.5 Beryllium 5 5.9 Bicarbonate 1 (mg/L) 2500 2500 2400 Cadmium 5 Calcium 5000 213000 227000 12600 Carbonate 1 (mg/L) 7600 7500 15000 Chromium 10 Cobalt 50 J 15.6 Copper 25 Fluoride 1 (mg/L) 27 160 Iron 100 2290 5000 J 12.2 Lead 5 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mickel 40 115 129 Nickel 40 115 129 Nickel 1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3	=======================================		3*53*5313111					-34	
Antimony 60 627 518 J 30 Arsenic 10 J 7 Barium 200 994 981 J 39.5 Beryllium 5 5.9 Bicarbonate 1 (mg/L) 2500 2500 2400 Cadmium 5 5000 213000 227000 12600 Carbonate 1 (mg/L) 7600 7500 15000 Chromium 10 5000 J 15.6 Copper 25 Copper 25 Fluoride 1 (mg/L) 27 160 Iron 100 2290 5000 J 12.2 Lead 5 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mickel 40 115 129 Nickel 40 115 129 Nickel 1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3	Aluminum		200		704		573		
Arsenic 10 994 981 J 39.5 Berium 200 994 981 J 39.5 Beryllium 5 5.9 Bicarbonate 1 (mg/L) 2500 2500 2400 Cadmium 5 2500 213000 227000 12600 Carbonate 1 (mg/L) 7600 7500 15000 Chromium 10 7600 75000 Chromium 10 76000 Chromium 10 7600 75000 Chromium 10 76000 Chromium 10 76000 Chromium 10 7					627	į	518	J	30
Barium 200 994 981 J 39.5 Beryllium 5 5.9 Bicarbonate 1 (mg/L) 2500 2500 2400 Cadmium 5 213000 227000 12600 Carbonate 1 (mg/L) 7600 7500 15000 Chloride .1 (mg/L) 7600 7500 15000 Chromium 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			10					J	7
Beryllium 5 5.9 Bicarbonate 1 (mg/L) 2500 2500 2400 Cadmium 5 <t< td=""><td></td><td></td><td></td><td></td><td>994</td><td></td><td>981</td><td>J</td><td>39.5</td></t<>					994		981	J	39.5
Bicarbonate 1 (mg/L) 2500 2500 2400 Cadmium 5 3000 213000 227000 12600 Carbonate 1 (mg/L) 7600 7500 15000 Chloride .1 (mg/L) 7600 7500 15000 Chromium 10 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 10 1			5	!	5.9				
Cadmium 5 Calcium 5000 213000 227000 12600 Carbonate 1 (mg/L) 7500 15000 Chloride .1 (mg/L) 7600 7500 15000 Chromium 10 .0 .0 .0 .0 .0 Copper 25 .1 (mg/L) .27 .160 .0 Iron 100 2290 5000 J 12.2 Lead 5 82000 554000 39700 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3							2500		2400
Calcium 5000 213000 227000 12600 Carbonate 1 (mg/L) 7600 7500 15000 Chloride .1 (mg/L) 7600 7500 15000 Chromium 10 10 15.6 Copper 25 25 27 160 Fluoride .1 (mg/L) 27 160 Iron 100 2290 5000 J 12.2 Lead 5 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3									
Carbonate 1 (mg/L) 7600 7500 15000 Chloride .1 (mg/L) 7600 7500 15000 Chromium 10 20 15.6 20 20 Copper 25 25 25 25 25 25 25 27 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160 160			5000		213000		227000		12600
Chloride			1 (mg/L)						
Chromium 10 Cobalt 50 J 15.6 Copper 25 Fluoride 11 (mg/L) 27 160 Iron 100 2290 5000 J 12.2 Lead 5 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3				•	7600		7500		15000
Cobalt 50 J 15.6 Copper 25 Fluoride .1 (mg/L) 27 160 Iron 100 2290 5000 J 12.2 Lead 5 82000 554000 39700 Mangaresium 5000 582000 554000 39700 Mangarese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3									
Copper 25 Fluoride .1 (mg/L) 27 160 Iron 100 2290 5000 J 12.2 Lead 5 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3			50	J	15.6				
Fluoride .1 (mg/L) 27 160 fron 100 2290 5000 J 12.2 Lead 5 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3			25						
Lead 5 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3					27				
Lead 5 Magnesium 5000 582000 554000 39700 Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3					2290	!	5000	j	12.2
Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3			5						
Manganese 15 410 410 26.7 Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3	Magnesium		5000		582000		554000		39700
Mercury .2 Nickel 40 115 129 Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3			15		410		410		26.7
Nitrate .1 (mg/L) Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3			.2						
Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3	Nickel		40		115		129		
Potassium 5000 191000 186000 14400 Selenium 5 Silver 10 47.1 J 3	Nitrate		.1 (mg/L)						
Silver 10 47.1 J 3			5000		191000		186000		14400
711701	Selenium		5						
	Silver		10				47.1	j	
	Sodium		5000		4820000		4470000		359000
Sulfate .2 (mg/L) 160 160 620	Sulfate		.2 (mg/L)		160		160		
TDS 1 (mg/L) 16,020 16580 >20000					16,020		16580	>	20000
Thallium 10	Thallium				•				
Vanadium 50 J 13.4 J 10.6			50	J	13.4	J	10.6		
Zinc 20 99.5 97 J 3.2					99.5		97	J	3.2

NA - Not Analyzed.

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

JAGEL SLOUGH-1JAGEL SLOUGH-1 SAMPLE LOCATION ====> SAMPLE NUMBER =====> MOF - 15 MOF - 19

SAMPLE DATE =====> 08/16/88 08/16/88 SAMPLE TYPE =====>

5/11/ 22 11/ 2				
======================================		=======================================		
COMPOUND NAME	Quantitation Limits	Concentration	n [ug/L (ppb)]	See footnote a
Aluminum	200	1040	NA	
Antimony	60	,	NA	
Arsenic	10	J 6	NA	
Barium	200	•	NA	
Beryllium	5		NA	
Bicarbonate	1 (mg/L)			
Cadmium	5		NA	
Calcium	5000	436000	NA	
Carbonate	1 (mg/L)			
Chloride	.1	21000	NA	
Chromium	10		NA	
Cobalt	50		NA	
Copper	25		NA	
Fluoride	.1	59	NA	
Iron	100		NA	
t.ead	5		NA	
Magnesium	5000	1320000	NA	
Manganese	15		NA	
Mercury	.2		NA	
Nickel	40		NA	
Nitrate	.1		NA	
Potassium	5000	498000	NA	
Selenium	5		NA	
Silver	10		NA	
Sodium	5000	10000000	NA	
Sulfate	.2	3000	NA	
IDS	1 (mg/L)	>20000	NA	
Thallium	10		NA	
Vanadium	50		NA	
Zinc	20		NA	

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-EQ W01-EQ SAMPLE NUMBER =====> MOF-57 MOF-11 SAMPLE DATE =====> 08/12/88 09/16/88 SAMPLE TYPE ***==> EQUIP.RNSE EQUIP.RNSE Quantitation Concentration [ug/L (ppb)] See footnote a COMPOUND NAME Limits J 26.7 Aluminum 200 60 **Antimony** 10 Arsenic 200 Barium Beryllium 1.2 Bicarbonate (mg/L) Cadmium Calcium 5000 J 49.2 J 55.4 Carbonate (mg/L) 0.23 Chloride (mg/L) Chromium 10 50 Cobalt 25 Соррег Fluoride .1 (mg/L) 100 Iron Lead 5000 Magnes i um 15 Manganese .2 Mercury Nickel 40 .1 Nitrate (mg/L) 5000 J 1400 J 868 **Potassium** 5 Selenium Silver 10 J 4.8 Sodium 5000 J 1570 J 62.8 Sulfate .2 (mg/L) 30 TDS 1 (mg/L) Thallium 10 50 Vanadi um

NA - Not Analyzed.

Zinc

J 2.3

Volume II: Sampling and Analysis Plan, March, 1988.

20

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California,

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====>
SAMPLE NUMBER =====>

W01-FB MOF-7

SAMPLE DATE ######>

08/10/88 FIELD BLNK

SAMPLE TIPE *		FIELD BLNK				
**************************************	Quantitation					
COMPOUND NAME	Limits	Concentration [ug/L (ppb)] See footnote a				

Atuminum	200	J 32.1				
Antimony	60					
Arsenic	10					
Barium	200					
Beryllium	5	•				
Bicarbonate	1 (mg/L)					
Cadmium	5					
Calcium	5000					
Carbonate	1 (mg/L)					
Chloride	.1 (mg/L)	0.18				
Chromium	10					
Cobalt	50					
Copper	25					
Fluoride	.1 (mg/L)					
Iron	100					
Lead	5					
Magnesium	5000	J 123				
Manganese	15					
Mercury	.2	.2				
Nickel	40					
Nitrate	.1 (mg/L)					
Potassium	5000	J 1210				
Selenium	5					
Silver	10	J 5.5				
Sodium	5000					
Sulfate	.2 (mg/L)					
TDS	1 (mg/L)					
Thallium	10					
Vanadium	50					
Zinc	20	J 5				

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

MATRIX: WATER

Table 1-4 Site 1 Analytical Results Summary Water Sample Inorganic Analyses NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-TB W01-TB SAMPLE NUMBER =====> MOF - 10 MOF-59 SAMPLE DATE ***=** 08/11/88 09/19/88 SAMPLE TYPE *====> TRIP BLANK TRIP BLANK ************ Quantitation COMPOUND NAME Limits Concentration [ug/L (ppb)] See footnote a *********** ********* NA Aluminum NA **Antimony** 60 NA NA Arsenic 10 NA NA Barium 200 NA NA Beryllium 5 NA NA NA Bicarbonate (mg/L) NA NA NA Cadmium 5000 Calcium NA NA Carbonate 1 NA NA (mg/L) Chloride . 1 (mg/L) NA NA 10 NA NA Chromium Cobalt 50 NA NA 25 NA NA Copper .1 NA Fluoride (mg/L) NA 100 NA NA Iron 5 NA NA Lead 5000 NA NA **Magnesium** 15 NA NA Manganese .2 NA NA Mercury 40 Nickel NA NA Nitrate .1 (mg/L) NA NA 5000 Potassium NA NA 5 NA NA Selenium 10 NA NA Silver 5000 NA NA Sodium **Sulfate** .2 (mq/L) NA NA TDS 1 (mg/L) NA NA Thallium 10 NA NA Vanadium 50 NA NA 20 NA NA Zinc

NA - Not Analyzed.

. .

a - No entry indicates none detected; see complete data tables for sample detection limits. Concentrations reported in ug/L unless otherwise indicated under Quantitation Limits.

d - One or more unknown compounds were detected; see complete data tables for retention times and concentrations.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California,
Volume II: Sampling and Analysis Plan, March, 1988.

RESULTS OF SOIL SAMPLE ANALYSIS, SITE 1

Report Generated: 12/09/88

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Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION	====>	EMB-01	EMB-02	EMB-03	EMB-04
SAMPLE NUMBER	====>	EMB-1	EMB-2	EMB-3	EMB-4
SAMPLE DEPTH (f	t.) ==>	1.0	1.0	1.0	1.0
SAMPLE DATE ==	===x:=>	07/28/88	07/28/88	07/28/88	07/28/88
SAMPLE TYPE ==	=====>				
=======================================	*********			= ==========	= 2::::::::::::
	Quantitation				
COMPOUND NAME	Limits	Concentrat	ion [All resul	ts in ug/Kg (p	pb)]
	=======================================	==========	= ==========		= =====================================
1,2 Dichlorobenzene	330	ND<370	ND<370	ND<360	ND<350
1,2,4-Trichlorobenzene	330	ND<370	ND<370	ND<360	ND<350
1,3 Dichlorobenzene	330	ND<370	ND<370	ND<360	ND<350
1,4 Dichtorobenzene	330	ND<370	ND<370	ND<360	ND<350
2 nitrophenol	330	ND<370	ND<370	ND<360	ND<350
2,4 Dimethylphenol	330	ND<370	ND<370	ND<360	ND<350
2,4,5-Trichlorophenol	1600	ND<1800	ND<1800	ND<1700	ND<1700
2,4,6-Trichlorophenol	330	ND<370	ND<370	ND<360	ND<350
2,4-Dichlorophenol	330	ND<370	ND<370	ND<360	ND<350
2,4-Dinitrophenol	1600	ND<1800	ND<1800	ND<1700	ND<1700
2,4-Dinitrotoluene	330	ND<370	ND<370	ND<360	ND<350
2,6-Dinitrotoluene	330	ND<370	ND<370	ND<360	ND<350
2-Chloronaphthalene	330	ND<370	ND<370	ND<360	ND<350
2-Chlorophenol	330	ND<370	ND<370	ND<360	ND<350
2-Methylnaphthalene	330	ND<370	ND<370	ND<360	ND<350
2-Methylphenol	330	ND<370	ND<370	ND<360	ND<350
2-Nitroaniline	1600	ND<1800	ND<1800	ND<1700	ND<1700
3,3'-Dichlorobenzidine	660	ND<730	ND<730	ND<720	ND<690
3-Nitroaniline	1600	ND<1800	ND<1800	ND<1700	ND<1700
4,6-Dinitro-2-methylphenol	1600	ND<1800	ND<1800	ND<1700	ND<1700
4-Bromophenyl phenyl ether	330	ND<370	ND<370	ND<360	ND<350
4-Chloro-3-methylphenol	330	ND<370	ND<370	ND<360	ND<350
4-Chloroaniline	330	ND<370	ND<370	ND<360	ND<350
4-Chlorophenyl phenyl ether	330	ND<370	ND<370	ND<360	ND<350
4-Methylphenol	330	ND<370	ND<370	ND<360	ND<350

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION	EEEE=>	EMB-01	EMB-02 :	EMB-03	EMB-04
SAMPLE NUMBER	*****	EMB-1	EMB-2	EMB-3	EMB-4
SAMPLE DEPTH (1	t.) ==>	1.0	1.0	1.0	1.0
SAMPLE DATE ==	*****	07/28/88	07/28/88	07/28/88	07/28/88
SAMPLE TYPE ==	******				
=======================================	******	=======================================	=========	=========	***********
	Quantitation				
COMPOUND NAME	Limits	Concentration	on [All result:	s in ug/Kg (p	pb)]
***********************	***********	=======================================	*********	=========	
4-Nitroaniline	1600	ND<1800	ND<1800	ND<1700	ND<1700
4-Nitrophenol	1600	ND<1800	ND<1800	ND<1700	ND<1700
Acenaphthene	330	ND<370	ND<370	ND<360	ND<350
Acenaphthylene	330	ND<370	ND<370	ND<360	ND<350
Anthracene	330	ND<370	ND<370	ND<360	ND<350
Benzo(a)anthracene	330	ND<370	ND<370	ND<360	ND<350
Benzo(a)pyrene	330	ND<370	ND<370	ND<360	ND<350
Benzo(b)fluoranthene	330	ND<370	ND<370	ND<360	ND<350
Benzo(g,h,i)perylene	330	ND<370	ND<370	ND<360	ND<350
Benzo(k)fluoranthene	330	ND<370	ND<370	ND<360	ND<350
Benzoic acid	1600	ND<1800	ND<1800	ND<1700	ND<1700
Benzyl Alcohol	330	ND<370	ND<370	ND<360	ND<350
Bis(2-Chloroethoxy)methane	330	ND<370	ND<370	ND<360	ND<350
Bis(2-Chloroethyl)ether	330	ND<370	ND<370	ND<360	ND<350
Bis(2-Chloroisopropyl)ether	330	ND<370	ND<370	ND<360	ND<350
Bis(2-Ethylhexyl)phthalate	330	2600	350	ND<360	ND<350
Butyl benzyl phthalate	330	ND<370	ND<370	ND<360	ND<350
Chrysene	330	ND<370	ND<370	ND<360	ND<350
Di-n-butylphthalate	330	J 83	ND<370	ND<360	ND<350
Di-n-octyl phthalate	330	ND<370	ND<370	ND<360	ND<350
Dibenz(a,h)anthracene	330	ND<370	ND<370	ND<360	ND<350
Dibenzofuran	330	ND<370	ND<370	ND<360	ND<350
Diethylphthalate	330	ND<370	ND<370	ND<360	ND<350
Dimethyl phthalate	330	ND<370	ND<370	ND<360	ND<350
Fluoranthene	330	ND<370	ND<370	ND<360	ND<350
Fluorene	330	ND<370	ND<370	ND<360	ND<350

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION	####>	EMB-01	EMB-02	EMB-03	EMB-04
SAMPLE NUMBER	**==>	EMB-1	EMB-2	EMB-3	EMB-4
SAMPLE DEPTH (f	t.) ==>	1.0	1.0	1.0	1.0
SAMPLE DATE #=	22222>	07/28/88	07/28/88	07/28/88	07/28/88
SAMPLE TYPE ==	=====>		, , ,		,,
	*********	==========	= =========	= =========	= ==========
	Quantitation				
COMPOUND NAME	Limits	Concentrat	ion [All resul	ts in ug/Kg (p	ob)]
		==========	= =====================================	= ========	= ==========
Hexach Lorobenzene	330	ND<370	ND<370	ND<360	ND<350
Hexach Lorobutadiene	330	ND<370	ND<370	ND<360	ND<350
Hexachlorocyclopentadiene	330	ND<370	ND<370	ND<360	ND<350
Hexachloroethane	330	ND<370	ND<370	ND<360	ND<350
Indeno(1,2,3-c,d)pyrene	330	ND<370	ND<370	ND<360	ND<350
Isophorone	330	ND<370	ND<370	ND<360	ND<350
N-nitroso-dipropylamine	330	ND<370	ND<370	ND<360	ND<350
N-nitrosodiphenylamine	330	ND<370	ND<370	ND<360	ND<350
Naph tha lene	330	ND<370	ND<370	ND<360	ND<350
Nitrobenzene	330	ND<370	ND<370	ND<360	ND<350
Pentachlorophenol	1600	ND<1800	ND<1800	ND<1700	ND<1700
Phenanthrene	330	ND<370	ND<370	ND<360	ND<350
Phenol	330	ND<370	ND<370	ND<360	ND<350
Pyrene	330	ND<370	ND<370	ND<360	ND<350
========= TIC ==========					
5,5-Dimethyl-2(5H)-Furanone	TIC	260	740	140	350
Alkene @ 33.97	TIC				250
Alkene @ 34.14	TIC				280
Hexadecanoic Acid	TIC	330			
Unknown @ 10.14	TIC		190		
Unknown a 29.06	TIC	1100			
Unknown @ 29.57	TIC	300			
Unknown @ 31.41	TIC	370			
Unknown a 31.86	TIC		260		
Unknown a 32.04	TIC		220		
Unknown a 32,24	TIC		370		
Unknown @ 32.31	TIC				250
NA - Not Analyzed.					· ·

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER SAMPLE DEPTH (f SAMPLE DATE == SAMPLE TYPE ==	====>	EMB-01 EMB-1 1.0 07/28/88	EMB-02 EMB-2 1.0 07/28/88	EMB-03 EMB-3 1.0 07/28/88	EMB-04 EMB-4 1.0 07/28/88
COMPOUND NAME	Limits	Concentratio	n [All results	sin ua/Ka (pol	o)1
=======================================	=======================================	==========	*=======	=======================================	
Unknown a 32.41	TIC		1100		
Unknown a 32.56	TIC		370		
Unknown a 32.76	TIC		300		
Unknown @ 32.89	TIC		300		
Unknown a 33.06	TIC		300		250
Unknown @ 33.14	TIC		770		250
Unknown a 33.22	TIC		370		
Unknown a 33.39	TIC		220		
Unknown a 33.56	TIC		220		210
Unknown a 33.64	TIC		260		210
Unknown @ 33.72	TIC		200		250
Unknown @ 33.84	TIC		330		230
Unknown 2 33.89	TIC	370	330		
Unknown 2 33.92	TIC	370	190		
Unknown a 34.07 Unknown a 34.24	TIC		220		
Unknown a 34.24 Unknown a 34.32	TIC		220		210
Unknown a 34.42	TIC		300		LIV
Unknown a 34.42	TIC		370		
Unknown a 34.64	TIC		3.0		180
Unknown a 34.82	TIC				140
Unknown a 35.29	TIC		300		
Unknown a 36.32	TIC		500		250
Unknown a 36.71	TIC				140
Unknown a 37.39	TIC				250
Unknown a 7.30	TIC			1100	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown 2 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE NUMBER *====> SAMPLE DEPTH (ft.) ==> SAMPLE DATE *=======> SAMPLE TYPE =======>	· EMB-01 EMB-1 1.0 07/28/88	EMB-02 EMB-2 1.0 07/28/88	EMB-03 EMB-3 1.0 07/28/88	EMB-04 EMB-4 1.0 07/28/88
Quantitati		= =======	= ==========	= ==========
COMPOUND NAME Limits		ion [All resul	ts in wa/Ka (n	ob)1
		= =========		
Unknown a 7.37 TIC	1100			
Unknown a 7.43 TIC				1100
Unknown a 7.60 TIC		B 2200		
Unknown a 8.90 TIC			720	
Unknown a 8.97 TIC	220			
Unknown a 9.04 TIC				280
Unknown a 9.07 TIC		740		
Unknown Hydrocarbon a 26.69 TIC	300			
Unknown Hydrocarbon a 29.94 TIC	220			
Unknown Hydrocarbon a 30.14 TIC	740			
Unknown Hydrocarbon @ 31.21 TIC		370		210
Unknown Hydrocarbon a 31.24 TIC	1100			
Unknown Hydrocarbon a 31.49 TIC		260		
Unknown Hydrocarbon a 31.87 TIC	260			
Unknown Hydrocarbon a 32.06 TIC	370			
Unknown Hydrocarbon a 32.29 TIC	740			
Unknown Hydrocarbon @ 32.56 TIC	300			
Unknown Hydrocarbon @ 32.72 TIC	370			
Unknown Hydrocarbon a 32.89 TIC	370			
Unknown Hydrocarbon a 33.09 TIC	300			
Unknown Hydrocarbon a 33.27 TIC	740			
Unknown Hydrocarbon a 33.29 TIC				320
Unknown Hydrocarbon a 33.77 TIC	370			
Unknown Hydrocarbon @ 34.27 TIC	740			
Unknown Hydrocarbon a 34.49 TIC				280
Unknown Hydrocarbon @ 34.94 TIC			36 0	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE NUMBER =====> SAMPLE DEPTH (ft.) ==> SAMPLE DATE =======> SAMPLE TYPE =======>	EMB-01 EMB-1 1.0 07/28/88	EMB-02 EMB-2 1.0 07/28/88	EMB-03 EMB-3 1.0 07/28/88	EMB-04 EMB-4 1.0 07/28/88
			=========	=========
COMPOUND NAME Limits		n [All result:	in ug/Kg (ppl	b)]
Unknown Hydrocarbon a 35.22 TIC Unknown Hydrocarbon a 36.84 TIC			360	280

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS MATRIX: SOIL

SAMPLE LOCATION SEES

Report Generated: 12/09/88

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Results of Soil Sample Analyses Site 1, Phase 1

EMP...01

EMR-02.

EMD-US

0.0	=====> =====> t.) ==>	EMB-01 EMB-1 1.0 07/28/88	EMB-02-1 EMB-2 1.0 07/28/88	EMB-US EMB-3 1.0 07/28/88	EMB-04 EMB-4 1.0 07/28/88
SAMPLE TYPE ==	=====> ===============================				
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result	ts in mg/Kg (pp	m)]

Aluminum	40	19200	25000	32000	25200
Antimony	12	57.9	71.2	84.2	73.1
Arsenic	2	ND<14	ND<13.8	ND<13.2	ND<13
Barium	40	396	217	272	203
Beryllium	1	ND<.12	ND<.12	J .35	ND<.11
Cadinium	1	3.5	1.1	ND<.95	ND<.93
Calcium	1000	50500	38000	21900	56100
Chromium	2	54	89.3	90.4	99.2
Cobalt	10	12.9	18.6	19.2	21.2
Copper	5	54	40.8	45.8	49.3
Iron	20	28100	34400	41300	37500
Lead	1	128	19.7	16.4	14.2
Magnesium	1000	11500	17400	19800	19100
Manganese	3	527	633	653	713
Mercury	.04	4.6	.2	.2	.2
Nickel	8	54.8	84	87.2	90.1
Potassium	1000	1400	2440	1730	1710
Selenium	1	ND<.6	ND<.59	ND<.57	ND<.56
Silver	2	4.9	3.4	ND<.57	2.2
Sodium	1000	J 806	2090	J 392	1460
Thallium	2	ND<.4	ND<.39	J .43	ND<.37
Vanadium	10	56.8	82.3	83.6	86.9
Zinc	4	255	78.3	84.9	86.8

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE MUMBER ====> SAMPLE DEPTH (ft.) ==> SAMPLE DATE =======> SAMPLE TYPE =======>	EMB-01 EMB-1 1.0 07/28/88	EMB-02 EMB-2 1.0 07/28/88	EMB-03 EMB-3 1.0 07/28/88	EMB-04 EMB-4 1.0 07/28/88
	==========	==========	==========	==========
Quantitation COMPOUND NAME Limits	Concentration	on *******		========
рН .1	8.3	9.1	8.3	8.6

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION		EMB-01	EMB-02	EMB-03	EMB-04	
	====>	EMB-1	EMB-2	EMB-3	EMB-4	
SAMPLE DEPTH (1.0	1.0	1.0	1.0	
SAMPLE DATE =:	SEEEE=>	07/28/88	07/28/88	0 7/28/8 8	0 7/28/88	
SAMPLE TYPE =:	=====>					
	*********	=========	= ==========	= =========	= ===========	
	Quantitation					
COMPOUND NAME	Limits	Concentrat	ion [All resul	ts in ug/Kg (p	r(da	
	=======================================	==========	= =====================================	= =========	= =====================================	
AROCLOR - 1016	80	ND<440	ND<89	ND<87	ND<340	
AROCLOR-1221	80	ND<440	ND<89	ND<87	ND<340	
AROCLOR - 1232	80	ND<440	ND <89	ND<87	ND < 340	
AROCLOR-1242	80	ND<440	ND<89	ND<87	ND<340	
AROCLOR - 1248	80	ND<440	ND <89	ND<87	ND<340	
AROCLOR-1254	160	3200	ND<180	ND<170	2200	
AROCLOR - 1260	160	ND<890	J 100	ND<170	ND<670	
========= TIC ========	,00	110 1070	•	110 -110	110 -07 0	
PCB @ 26.34	TIC				140	
PCB a 26.94	ŤÍC				210	
PCB @ 27.86	TIC				250	
PCB @ 28.46	TIC				140	
PCB @ 28.47	TIC	260			170	
PCB @ 20.47 PCB @ 29.04	TIC	200			180	
PCB a 29.72	TIC	242			210	
PCB @ 29.76	TIC	260				

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

				========
SAMPLE TYPE *****=>				
SAMPLE DATE ****==>	07/28/88	07/28/88	07/28/88	07/28/88
SAMPLE DEPTH (ft.) ==>	1.0	1.0	1.0	1.0
SAMPLE NUMBER ***==>	EMB-1	EMB-2	EMB-3	EMB-4
SAMPLE LOCATION =====>	EMB-01	EMB-02	EMB-03	EMB-04

	22222222222			==========	==========
COMPOUND NAME	Quantitation Limits	Concentrati	on [All results	s in ug/Kg (pp	b)]
1,1,1-Trichloroethane	5	ND<6	ND<6	ND	ND<6
1,1,2,2-Tetrachloroethane	5	ND<6	ND<6	ND	ND<6
1,1,2-Trichloroethane	5	ND<6	ND<6	ND	ND<6
1,1-Dichloroethane	5	ND<6	ND<6	ND	ND<6
1,1-Dichloroethene	5	ND<6	ND<6	ND	ND<6
1,2-Dichloroethane	5	ND<6	ND<6	ND	ND<6
1,2-Dichloroethenes(Total)	5	ND<6	ND<6	ND	ND<6
1,2-Dichloropropane	5	ND<6	ND<6	ND	ND<6
2-Butanone	10	ND<11	ND<11	ND<11	ND<11
2-Hexanone	10	ND<11	ND<11	ND<11	ND<11
4-Methyl-2-pentanone	10	ND<11	ND<11	ND<11	ND<11
Acetone	10	ND<11	12	13	13
Benzene	5	ND<6	ND<6	ND	ND<6
Bromodichloromethane	5	ND<6	ND<6	ND	ND<6
Bromoform	5	ND<6	ND<6	ND	ND<6
Bromomethane	10	ND<11	ND<11	ND<11	ND<11
Carbon disulfide	5	ND<6	ND<6	ND	ND<6
Carbon tetrachloride	5 5	ND<6	ND<6	ND	ND<6
Chlorobenzene	5	ND<6	ND<6	ND	ND<6
Chloroethane	10	ND<11	ND<11	ND<11	ND<11
Chloroform	5	ND<6	ND<6	ND	ND<6
Chloromethane	10	ND<11	ND<11	ND<11	ND<11
Dibromochloromethane	5	ND<6	ND<6	ND	ND<6
Ethyl benzene	5	ND<6	ND<6	ND	ND<6
Methylene chloride	5	B 29	B 11	B 10	B 7
Styrene	5	ND<6	ND<6	ND	ND<6

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

OWN FF DVIF	H===>	EMB-01 EMB-1 1.0 07/28/88	EMB-02 EMB-2 1.0 07/28/88	EMB-03 EMB-3 1.0 07/28/88	EMB-04 EMB-4 1.0 07/28/88
COMPOUND NAME	Quantitation Limits	Concentrat	ion [All resul	ts in ug/Kg (ppb)]
Tetrachloroethene Toluene Total xylenes Trichloroethene Vinyl acetate Vinyl chloride cis-1,3-Dichloropropene trans-1,3-Dichloropropene	5 5 5 10 10 5 5	ND <6 19 ND <6 ND <6 ND <11 ND <11 ND <6 ND <6	ND<6 5 ND<6 ND<6 ND<11 ND<11 ND<6 ND<6	MD J 3 ND ND ND-11 ND-11 ND-11 ND	ND<6 J 4 ND<6 ND<5 ND<11 ND<11 ND<6 ND<6
3-Methylpentane	TIC	22			

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SED-01	SED-02.
SED-1	SED-2
-1.0	-1.0
07/28/88	07/28/88
	SED-1 -1.0

SAMPLE TYPE ==	ZZZZZZ>		
	222222222		
	Quantitation	_	
COMPOUND NAME	Limits	Concentration	[All results in ug/Kg (ppb)]
*****************	=======================================	=======================================	**********
1,2 Dichlorobenzene	330	ND<670	ND<670
1,2,4-Trichlorobenzene	330	ND<670	ND<670
1,3 Dichlorobenzene	330	ND<670	ND<670
1,4 Dichlorobenzene	330	ND<670	ND<670
2 nitrophenol	330	ND<670	ND<670
2,4 Dimethylphenol	330	ND<670	ND<670
2,4,5-Trichlorophenol	1600	ND<3300	ND<3300
2,4,6-Trichlorophenol	330	ND<670	ND<670
2,4-Dichlorophenol	330	ND<670	ND<670
2,4-Dinitrophenol	1600	ND<3300	ND<3300
2,4-Dinitrotoluene	330	ND<670	ND<670
2,6-Dinitrotoluene	330	ND<670	ND<670
2-Chloronaphthalene	330	ND<670	ND<670
2-Chlorophenol	330	ND<670	ND<670
2-Methylnaphthalene	330	ND<670	ND<670
2-Methylphenol	330	ND<670	ND<670
2-Nitroaniline	1600	ND<3300	ND<3300
3,3'-Dichlorobenzidine	660	ND<1300	ND<1300
3-Nitroaniline	1600	ND<3300	ND<3300
4,6-Dinitro-2-methylphenol	1600	ND <3300	ND<3300
	330	ND<670	ND<670
4-Bromophenyl phenyl ether	330	ND<670	ND<670
4-Chloro-3-methylphenol			ND<670
4-Chloroaniline	330	ND<670	*** ** *
4-Chlorophenyl phenyl ether	330	ND<670	ND <670
4-Methylphenol	330	ND<670	ND<670

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====>	SED-01	SED-02
SAMPLE NUMBER *===>	SED-1	SED-2
SAMPLE DEPTH (ft.) ==>	-1.0	-1.0
SAMPLE DATE =====>	07/28/88	07/28/88
SAMPLE TYPE ======>		,,

٠.

Quantitation
COMPOUND NAME Limits Concentration [All results in ug/Kg (ppb)]

Limits	Concentration	[All results in ug/Kg
#=======		
1600	ND<3300	ND<3300
1600	ND<3300	ND<3300
330	ND<670	ND<670
1600	ND<3300	ND<3300
330	ND<670	ND<670
330	J 100	ND<670
330	ND<670	ND<670
	1600 1600 330 330 330 330 330 330 330 330 330	1600 ND 3300 1600 ND 3300 1600 ND 3300 330 ND 670 330 ND 70 330 ND 70

NA - Not Analyzed.

ID - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Unknown a 9.07 indicates the retention time for the unknown compound.

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⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====>	SED-01	SED-02
SAMPLE NUMBER ====>	SED-1	SED-2
SAMPLE DEPTH (ft.) ==>	-1.0	-1.0
SAMPLE DATE ======>	07/28/88	07/28/88

SAMPLE TYPE =====> Quantitation COMPOUND NAME Limits Concentration [All results in ug/Kg (ppb)] Hexach Lorobenzene 330 ND<670 ND<670 Hexach Lorobutadiene 330 ND<670 ND<670 Hexachlorocyclopentadiene 330 ND<670 ND<670 **Hexachloroethane** 330 ND<670 ND<670 Indeno(1,2,3-c,d)pyrene 330 ND<670 ND<670 Isophorone 330 ND<670 ND<670 N-nitroso-dipropylamine 330 ND<670 ND<670 N-nitrosodiphenylamine 330 ND<670 ND<670 Naphthalene 330 ND<670 ND<670 Nitrobenzene 330 ND<670 ND<670 Pentachlorophenol 1600 ND<3300 ND<3300 Phenanthrene 330 ND<670 ND<670 Phenol 330 ND<670 ND<670 Pyrene 330 J 270 ND<670 ========= TIC ========= 5.5-Dimethyl-2(5H)-Furanone TIC 2000 Hexadecanoic Acid TIC 410 Molecular Sulfur (\$8) TIC 34000 6800 Unknown @ 16.60 TIC 340 Unknown a 20.42 TIC 340 Unknown @ 35.32 1400 TIC Unknown @ 37.07 TIC 680 Unknown a 37.26 TIC 2000 Unknown a 7.03 TIC 1400 Unknown @ 7.52 2700 TIC Unknown Hydrocarbon @ 28.71 270 TIC Unknown Hydrocarbon @ 28.94 TIC 2000

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====>	SED-01	SED-02
SAMPLE NUMBER *===>	SED-1	SED-2
SAMPLE DEPTH (ft.) ==>	-1.0	-1.0
SAMPLE DATE #######	07/28/88	07/28/88
SAMPLE TYPE ======>		• •

10101111111111111111111111111111111111	******	
COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/Kg (ppb)]
Unknown Hydrocarbon @ 30.87	TIC	610
Unknown Hydrocarbon @ 31.19	TIC	1400
Unknown Hydrocarbon @ 32.96	TIC	1400
Unknown Hydrocarbon @ 33.29	TIC	4100
Unknown Hydrocarbon @ 34.91	TIC	680

NA - Not Analyzed.

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ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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The data indicate the presence of a compound that meets the identification criteria but the result is less the

- The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

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PANEL : METALS MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION ====>	SED-01	SED-02
SAMPLE NUMBER ====>	SED-1	SED-2
SAMPLE DEPTH (ft.) ==>	-1.0	-1.0
SAMPLE DATE =====>	07/28/88	07/28/88
SAMPLE TYPE ======>		

	2222222222	= =====================================		
COMPOUND NAME	Quantitation Limits	Concentration	s fâll manulto	in ma/Ka (nom)]
CONFOUND NAME		Concentration	I LALL PESULIS	in mg/Kg (ppm)]
**************************************	*********			
Aluminum	40	34500	20400	
Antimony	12	88.1	63.6	
Arsenic	2	ND<23.8	ND<23.8	
Barium	40	105	93.8	
Beryttium	1	ND<.2	ND<.2	
Cadimium	1	ND<1.7	ND<1.7	
Calcium	1000	9990	9720	
Chromium	2	94.2	66.6	
Cobalt	10	11.9	15.9	
Copper	5	38.1	31.2	
Iron	20	388 00	38000	
Lead	1	78.2	14.9	
Magnes i um	1000	20500	16100	
Manganese	3	388	638	
Mercury	.04	.7	.6	
Nickel	8	81.8	78.6	
Potassium	1000	6190	3500	
Selenium	1	1.2	ND	
Silver	2	ND<1	ND<1	
Sodium	1000	45000	13000	
Thallium	2	J .75	ND<.68	
Vanadium		84.6	63.7	
Zinc	4	86.3	78.5	
=	•			

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ==== SAMPLE NUMBER ==== SAMPLE DEPTH (ft.) = SAMPLE DATE =======	=> SED-1 => -1.0	SED-02. SED-2 -1.0 07/28/88
SAMPLE TYPE #######>		
COMPOUND NAME L	ititation imits Concentr	
pH .	1 7.5	8.2

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero. - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====>	SED-01	SED-02
SAMPLE NUMBER ====>	SED-1	SED-2
SAMPLE DEPTH (ft.) ==>	-1.0	-1.0
SAMPLE DATE ======>	07/28/88	07/28/88
SAMPLE TYPE ======>		

		Quantitation				
	COMPOUND NAME	Limits	Concentrat	tion (All results in ug/Kg (ppb)]		
	**********************		**********	: ===========		
	AROCLOR-1016	80	ND<160	ND<160		
	AROCLOR-1221	80	ND<160	ND<160		
	AROCLOR-1232	80	ND<160	ND<160		
	AROCLOR-1242	80	ND<160	ND<160		
	AROCLOR - 1248	80	ND<160	ND<160		
	AROCLOR-1254	160	ND<330	ND<330		
	AROCLOR - 1260	160	MD<330	MD<330		

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====> SAMPLE NUMBER ====> SAMPLE DEPTH (ft.) ==>	SED-01 SED-1 -1.0	SED-02 SED-2 -1.0
SAMPLE DATE *******> SAMPLE TYPE ******>	07/28/88	07/28/88

Quantitation COMPOUND NAME Limits Concentration [All results in ug/Kg (ppb)] 1,1,1-Trichloroethane ND<10 ND<10 1,1,2,2-Tetrachloroethane 5 ND<10 ND<10 1,1,2-Trichloroethane 5 ND<10 ND<10 5 1.1-Dichloroethane ND<10 ND<10 1.1-Dichloroethene ND<10 ND<10 1.2-Dichloroethane ND<10 ND<10 1.2-Dichloroethenes(Total) ND<10 ND<10 1,2-Dichloropropane ND<10 ND<10 2-Butanone 10 ND<20 ND<20 2-Hexanone 10 ND<20 ND<20 4-Methyl-2-pentanone 10 ND<20 ND<20 Acetone 10 290 120 5 Benzene ND<10 ND<10 Bromodichloromethane ND<10 ND<10 Bromoform ND<10 ND<10 Bromomethane 10 ND<20 ND<20 Carbon disulfide 5 ND<10 6 Carbon tetrachloride ND<10 ND<10 Chlorobenzene 5 ND<10 ND<10 Chloroethane 10 ND<20 25 Chloroform 5 ND<10 ND<10 Chloromethane 10 ND<20 ND<20 Dibromochloromethane 5 ND<10 ND<10 Ethyl benzene 5 ND<10 ND<10 Methylene chloride B 25 B 19 Styrene ND<10 ND<10

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE NUMBER =====> SAMPLE DEPTH (ft.) ==> SAMPLE DATE =======>	SED-01 SED-1 -1.0 07/28/88	SED-02 SED-2 -1.0 07/28/88
SAMPLE DATE ******>	07/28/88	07/28/88

	Quantitation				
COMPOUND NAME	Limits	tion [All results in ug/Kg (ppb)]			
Tetrachioroethene	5	ND<10	ND<10		
Toluene	5	ND<10	ND<10		
Total xylenes	5	ND<10	ND<10		
Trichloroethene	5	ND<10	ND<10		
Vinyl acetate	10	ND<20	ND<20		
Vinyl chloride	10	ND<20	ND<20		
cis-1,3-Dichtoropropene	5	ND<10	ND<10		
trans-1,3-Dichloropropene	5	ND<10	ND<10		
========= TIC ==========					
Thiobismethane	TIC	61			

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	====>	W01-05(A) W1-5A-S1 1.0 06/24/88	W01-05(A) W1-5A-S2 3.0 06/24/88	W01-05(A) W1-5A-S3 5.0 06/24/88	W01-05(A) W1-5A-S4 10.0 06/24/88
	*********	**********	==========		
COMPOUND NAME	Quantitation Limits	Concentrati	on fâll nooule	- in//- /	-b-13
THE CONFOUND NAME	######################################		on [All result:		20)] : ============
1,2 Dichlorobenzene	330	ND<460	ND<550	ND<630	ND<630
1,2,4-Trichlorobenzene	330	ND<460	ND<550	ND<630	ND<630
1,3 Dichlorobenzene	330	ND<460	ND<550	ND<630	ND<630
1,4 Dichlorobenzene	330	ND<460	ND<550	ND<630	ND<630
2 Chlorophenol	330	ND<460	ND<550	ND<630	ND<630
2 Methylphenol	330	ND<460	ND<550	ND<630	ND<630
2 nitrophenol	330	ND<460	ND<550	ND<630	ND<630
2,4 Dimethylphenol	330	ND<460	ND<550	ND<630	ND<630
2,4,5-Trichlorophenol	1600	ND<2300	ND<2700	ND<3100	ND<3100
2,4,6-Trichlorophenol	330	ND<460	ND<550	ND<630	ND<630
2,4-Dichlorophenol	330	ND<460	ND<550	ND<630	ND<630
2,4-Dinitrophenol	1600	ND<2300	ND<2700	ND<3100	ND<3100
2,4-Dinitrotoluene	330	ND<460	ND<550	ND<630	ND <630
2,6-Dinitrotoluene	330	ND<460	ND<550	ND<630	ND<630
2-Chloronaphthalene	330	ND<460	ND<550	ND<630	ND<630
2-Methylnaphthalene	330	ND<460	ND<550	ND<630	ND<630
2-Nitroaniline	1600	ND<2300	ND<2700	ND<3100	ND<3100
3.3 Dichlorobenzidine	660	ND<930	ND<1100	ND<1300	ND<1300
3-Nitroaniline	1600	ND<2300	ND<2700	ND<3100	ND<3100
4,6-Dinitro-2-methylphenol	1600	ND <2300	ND<2700	ND<3100	ND<3100
4-Bromophenyl phenyl ether	330	ND <460	ND<550	ND<630	ND<630
4-Chloro-3-methylphenol	330	ND<460	ND<550	ND<630	ND<630
4-Chloroaniline	330	ND<460	ND<550	ND<630	ND<630

ND < 460

ND < 460

NA - Not Analyzed.

4-Methylphenol

4-Chlorophenyl phenyl ether

ND - This compound was not detected at or above the Quantitation Limit.

330

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

ND < 550

ND<550

ND < 630

ND<630

ND < 630

ND <630

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

07411 22 37112	####==> ft.) ==> #####==>	W01-05(A) W1-5A-S1 1.0 06/24/88	W01-05(A) W1-5A-S2 3.0 06/24/88	W01-05(A) W1-5A-S3 5.0 06/24/88	W01-05(A) W1-5A-S4 10.0 06/24/88
***************************************	Quantitation				
COMPOUND NAME	Limits	Concentrat	ion [All result	ts in ug/Kg (pp	ob)]
***************************************	22222222	=========	= ========		
4-Nitroaniline	1600	ND<2300	ND<2700	ND<3100	ND<3100
4-Nitrophenol	1600	ND<2300	ND<2700	ND<3100	ND<3100
Acenaphthene	330	ND<460	ND<550	ND<630	ND<630
Acenaphthylene	330	ND<460	ND<550	ND<630	ND<630
Anthracene	330	ND<460	ND<550	ND<630	ND<630
Benzo(a)anthracene	330	ND<460	ND<550	ND<630	ND<630
Benzo(a)pyrene	330	ND<460	ND<550	ND<630	ND<630
Benzo(b)fluoranthene	330	ND<460	ND<550	ND<630	ND<630
Benzo(g,h,i)perylene	330	ND<460	ND<550	ND<630	ND<630
Benzo(k)fluoranthene	330	ND<460	ND<550	ND<630	ND<630
Benzoic acid	1600	ND<2300	ND<2700	ND<3100	ND<3100
Benzyl Alcohol	330	ND<460	ND<550	ND<630	ND<630
Bis(2-Chloroethoxy)methane	330	ND < 460	ND<550	ND<630	ND<630
Bis(2-Chloroethyl)ether	330	ND<460	ND<550	ND<630	ND<630
Bis(2-Chloroisopropyl)ether	330	ND<460	ND<550	ND<630	ND<630
Bis(2-Ethylhexyl)phthalate	330	ND<460	ND<550	ND<630	ND<630
Butyl benzyl phthalate	330	ND<460	ND<550	ND<630	ND<630
Chrysene	330	ND<460	ND<550	ND<630	ND<630
Di-n-butylphthalate	330	ND<460	ND<550	ND<630	ND<630
Di-n-octyl phthalate	330	ND<460	ND<550	ND<630	ND<630
Dibenz(a,h)anthracene	330	ND<460	ND<550	ND<630	ND<630
Dibenzofuran	330	ND<460	ND<550	ND<630	ND<630
Diethylphthalate	330	ND<460	ND<550	ND<630	ND<630
Dimethyl phthalate	330	ND<460	ND<550	ND<630	ND<630
Fluoranthene	330	ND<460	ND<550	ND<630	ND<630
Fluorene	330	ND<460	ND<550	ND<630	ND<630

⁻ Not Analyzed.

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

SAMPLE LOCATION =====>

Report Generated: 12/09/88

W01-05(A)

Results of Soil Sample Analyses Site 1, Phase 1

W01-05(A)

W01-05(A)

W01-05(A)

SAMPLE LUCATIO	====>	WUITUD(A)	WU I "UD (A)	WU I - UD (A)	WU I - UJ(A)
SAMPLE NUMBER	====>	W1-5A-S1	W1-5A-S2	W1-5A-S3	W1-5A-S4
SAMPLE DEPTH (ft.) ==>	1.0	3.0	5.0	10.0
SAMPLE DATE =	======>	06/24/88	06/24/88	06/24/88	06/24/88
SAMPLE TYPE =	=====>		•		
	=======================================	=========	= ============		
	Quantitation				
COMPOUND NAME	Limits	Concentrat	ion [All result	ts in ug/Kg (p	pb)]
	=======================================				=======================================
Hexachlorobenzene	330	ND<460	ND <550	ND <630	ND<630
Hexach Lorobut ad i ene	330	ND <460	ND <550	ND <630	ND<630
Hexachlorocyclopentadiene	330	ND <460	ND<550	ND<630	ND<630
Hexachloroethane	330	ND <460	ND<550	ND<630	ND<630
Indeno(1,2,3-c,d)pyrene	330	ND<460	ND<550	ND<630	ND<630
Isophorone	330 330	ND<460	ND<550	ND<630	ND<630
N-nitroso-dipropylamine	330	ND<460	ND<550	ND<630	ND<630
N-nitrosodiphenylamine	330 330	ND<460	ND<550	ND<630	ND<630
Naphthalene	330 330	ND<460	ND<550	ND<630	ND<630
Ni trobenzene	330 330	ND<460	ND<550	ND<630	ND<630
Pentachlorophenol	1600	ND<2300	ND<2700	ND<3100	ND<3100
Phenanthrene	330	ND<460	ND<550	ND<630	ND<5100
Phenol	330 330	ND<460	ND<550	ND<630	ND<630
	330 330	ND<460	ND<550		
Pyrene	220	NU 140U	UCCZUM	ND<630	ND<630
Branched Hydrocarbon 9 4.35	TIC				1900
Branched Hydrocarbon & 4.38	TIC			1300	1900
Molecular Sulfur (S8)	TIC			1300	1300
Unknown a 30.92	TIC			320	1300
Unknown @ 39.64	TIC		220	320	
Unknown @ 4.15	TIC		220	4700	
Unknown @ 5.55				1300	4700
Unknown @ 5.57	TIC	940	1100		1300
	TIC	940	1100	4700	
Unknown 2 5.60	TIC		770	1300	
Unknown @ 6.47	TIC		330		
Unknown Hydrocarbon @ 20.44	TIC				640
Unknown Hydrocarbon a 31.87	TIC	190			
NA - Not Analyzed.					

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

0.4 22 0	====>	W01-05(A) W1-5A-S1 1.0 06/24/88	W01-05(A) W1-5A-S2 3.0 06/24/88	W01-05(A) W1-5A-S3 5.0 06/24/88	W01-05(A) W1-5A-S4 10.0 06/24/88
	******	**********	=======================================	-==========	
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result:	s in ug/Kg (pp	ob)] = ===========
Unknown Hydrocarbon @ 31.89	TIC		280	260	320
Unknown Hydrocarbon @ 31.97	TIC		220		
Unknown Hydrocarbon @ 33.69	TIC	470			
Unknown Hydrocarbon @ 33.72	TIC		1100	1300	640
Unknown Hydrocarbon @ 35.96	TIC		220	380	260
Unknown Hydrocarbon @ 4.17	TIC		1100		640
Unknown Hydrocarbon @ 4.35	TIC	940	1100		

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION =====> SAMPLE NUMBER =====>	₩01-05(A) ₩1-5A-S1	W01-05(A) W1-5A-S2	W01-05(A) W1-5A-S3	W01-05(A) W1-5A-S4
SAMPLE DEPTH (ft.) ==>	1.0	3.0	5.0	10.0
SAMPLE DATE =====>	06/24/88	06/24/88	06/24/88	06/24/88
SAMPLE TYPE ======>				

SARFLE TIFE					
=======================================	2222222222	==========	=========	==========	**********
	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All result	s in mg/Kg (pp	m)]
	***********	===========		=========	=========
Aluminum	40	26200	38900	36100	31800
Antimony	12	24.2	24.1	16.9	24.7
Arsenic	ž	10.1	7.7	8.5	5.5
Barium	40	61.7	102	95.9	75.6
Beryllium	1	2.0	1.7	2.0	1.9
Cadmium	i	ND<1.1	ND<1.3	ND<1.6	ND<1.6
Calcium	1000	4840	3780	5420	4680
Chromium	2	90.5	118	109	98.4
Cobalt	10	14.7	17.7	19.6	17.7
Copper	5	121	48.8	47.6	37.5
Iron	20	42300	40900	45300	40200
Lead	1	41.5	21.6	23.6	24.3
Magnesium	1000	12800	13800	17400	17200
Manganese	3	303	282	643	412
Mercury	.04	0.7	1.2	0.9	ND<0.2
Nickel	8	94.7	98.6	116	93.7
Potassium	1000	3100	5500	5690	5000
Selenium	1	ND<0.65	ND<0.78	ND<0.97	ND<0.95
Silver	2	ND<0.65	ND<0.78	ND<0.97	ND<0.95
Sodium	1000	2270	9220	15400	17400
Thallium	2	2.0	J 1.7	2.0	J 1.5
Vanadium	10	79.3	100	95.9	84.9
Zinc	4	79.3 202	108	113	103
LIIK	4	202	100	113	103

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.
Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	***==>	W01-05(A) W1-5A-S1 1.0 06/24/88	W01-05(A) W1-5A-S2 3.0 06/24/88	W01-05(A) W1-5A-S3 5.0 06/24/88	W01-05(A) W1-5A-\$4 10.0 06/24/88
		******	==========	=========	*==========
COMPOUND NAME	Quantitation Limits	Concentratio	on ==========	*******	*=========
PH	.1	4.3	4.6	8.1	8.0

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

SAMPLE LOCATION ====>

Report Generated: 12/09/88

W01-05(A)

Results of Soil Sample Analyses Site 1, Phase 1

W01-05(A)

W01-05(A)

W01-05(A)

ON THE COUNTY		MOI OJ(A)	MOI OJ(A)	WOI-OJ(A)	WUI-UJ(A)
SAMPLE NUMBER	33223>	W1-5A-S1	W1-5A-S2	W1-5A-S3	W1-5A-S4
SAMPLE DEPTH (1	it.) ==>	1.0	3.0	5.0	10.0
SAMPLE DATE ==	:=====>	06/24/88	06/24/88	06/24/88	06/24/88
SAMPLE TYPE ==	=====>		• •	,,	
	***********	=========	= =========	= =========	= ==========
	Quantitation				
COMPOUND NAME	Limits	Concentrat	ion [All result	ts in ua/Ka (p	nb)1
	=======================================	*****		===========	
1,1,1-Trichloroethane	5	ND<7	ND<8	ND<10	ND<10
1,1,2,2-Tetrachloroethane	5	ND<7	ND<8	ND<10	ND<10
1,1,2-Trichloroethane	5	ND<7	ND<8	ND<10	ND<10
1,1-Dichloroethane	5	ND<7	ND<8	ND<10	ND<10
1,1-Dichloroethene	5	ND<7	ND<8	ND<10	ND<10
1,2-Dichloroethane	5	ND<7	ND<8	ND<10	ND<10
1,2-Dichloropropane	5	ND<7	ND<8	ND<10	ND<10
2-Butanone	10	ND<14	ND<27	J 8	B 8
2-Hexanone	10	ND<14	ND<17	ND<19	ND<19
4-Methyl-2-pentanone	10	ND<14	ND<17	ND<19	ND<19
Acetone	10	B 26	в 180	в 39	B 41
Benzene	5	ND<7	ND<8	ND<10	ND<10
Bromodichloromethane	5	ND<7	ND<8	ND<10	ND<10
Bromoform	5	ND<7	ND<8	ND<10	ND<10
Bromomethane	10	ND<14	ND<17	ND<19	ND<19
Carbon disulfide	5	ND<7	13	19	36
Carbon tetrachloride	5	ND<7	ND<8	ND<10	ND<10
Chlorobenzene	5	ND<7	ND<8	ND<10	ND<10
Chloroethane	10	ND<14	ND<17	ND<19	ND<19
Chloroform	5	ND<7	ND<8	ND<10	ND<10
Chloromethane	10	ND<14	ND<17	ND<19	ND<19
Dibromochloromethane	5	ND<7	ND<8	ND<10	ND<10
Ethyl benzene	5	ND<7	ND<8	ND<10	ND<10
Methylene chloride	5	B 18	B 23	В 18	B 18
Styrene	5	ND<7	ND<8	ND<10	ND<10
Tetrachloroethene	5	ND<7	ND<8	ND<10	ND<10

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not

analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California,
Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1. Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	#### #####>	W01-05(A) W1-5A-S1	W01-05(A) W1-5A-S2	W01-05(A) W1-5A-\$3	W01-05(A) W1-5A-S4
SAMPLE DEPTH (*	ft.) ==>	1.0	3.0	5.0	10.0
SAMPLE DATE ==	******	06/24/88	06/24/88	06/24/88	06/24/88
SAMPLE TYPE =:	E====>	, ,		• • •	
	2222222222	=======================================	= ==========		
COMPOUND NAME	Quantitation Limits	Concentrat	ion [All result	s in ug/Kg (pp	b)]
Toluene	5	ND<7	ND<8	ND<10	ND<10
Total xylenes	5	ND<7	ND<8	ND<10	ND<10
Trichloroethene	5	ND<7	ND<8	ND<10	ND<10
Vinyl acetate	10	ND<14	ND<17	ND<19	ND<19
Vinyl chloride	10	ND<14	ND<17	ND<19	ND<19
cis-1,3-Dichloropropene	5	ND<7	ND<8	ND<10	ND<10
trans-1,2-Dichloroethene	5	ND<7	ND<8	ND<10	ND<10
trans-1.3-Dichloropropene	5	ND<7	ND<8	ND<10	ND<10

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

the specified detection limit but greater than zero.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

^{8 -} The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

PANEL: BNA
MATRIX: SOIL
Results of Soil Sample Analyses

Report Generated: 12/09/88

Site 1, Phase 1

	====>	W01-06(A) W1-6A-MD1 1.0 07/18/88	W01-06(A) W1-6A-MD2 8.0 07/18/88	W01-06(A) W1-6A-M03 5.0 07/18/88	W01-06(A) W1-6A-MD4 10.0 07/18/88 SPLIT	W01-06(A) W25-3A-MD3 5.0 07/18/88 DUP
COMPOUND NAME	Quantitation Limits	Concentrati	ion [All casult	ts in ug/Kg (pp	nh)1	
**************************************						***********
1,2 Dichlorobenzene	330	ND<350	ND<730	ND<370	ND<420	ND<380
1,2,4-Trichlorobenzene	330	ND <350	ND<730	ND<370	ND<420	ND <380
1,3 Dichtorobenzene	330	ND <350	ND<730	ND<370	ND<420	ND<380
1,4 Dichlorobenzene	330	ND <350	ND<730	ND<370	ND<420	ND<380
2 nitrophenol	330	ND<350	ND<730	ND<370	ND<420	ND<380
2,4 Dimethylphenol	330	ND<350	ND<730	ND<370	ND<420	ND<380
2,4,5-Trichlorophenol	1600	ND<1700	ND<3600	ND<1800	ND<2000	ND<1800
2,4,6-Trichlorophenol	330	ND<350	ND<730	ND<370	ND<420	ND<380
2.4-Dichlorophenol	330	ND<350	ND<730	ND<370	ND<420	ND<380
2,4-Dinitrophenol	1600	ND<1700	ND<3600	ND<1800	ND<2000	ND<1800
2,4-Dinitrotoluene	330	ND<350	ND<730	ND<370	ND<420	ND<380
2,6-Dinitrotoluene	330	ND<350	ND<730	ND<370	ND<420	ND<380
2-Chloronaphthalene	330	ND<350	ND<730	ND<370	ND<420	ND<380
2-Chlorophenol	330	ND<350	ND<730	ND<370	ND<420	ND<380
2-Methylnaphthalene	330	ND<350	ND<730	ND<370	ND<420	ND<380
2-Methylphenol	330	ND<350	ND<730	ND<370	ND<420	ND<380
2-Nitroaniline	1600	ND<1700	ND<3600	ND<1800	ND<2000	ND<1800
3,3'-Dichlorobenzidine	660	ND<710	ND<1500	ND<750	ND<840	ND<760
3-Nitroaniline	1600	ND<1700	ND<3600	ND<1800	ND<2000	ND<1800
4,6-Dinitro-2-methylphenol	1600	ND<1700	ND<3600	ND<1800	ND<2000	ND<1800
4-Bromophenyl phenyl ether	330	ND<350	ND<730	ND<370	ND<420	ND<380
4-Chloro-3-methylphenol	330	ND<350	ND<730	ND<370	ND<420	ND<380
4-Chloroaniline	330	ND<350	ND<730	ND<370	ND<420	ND<380
4-Chlorophenyl phenyl ether	330	ND<350	ND<730	ND<370	ND<420	ND < 380
4-Methylphenol	330	ND<350	690	ND<370	ND<420	ND<380

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE TYPE ==	##### t.) ==> ###################################	W01-06(A) W1-6A-MD1 1.0 07/18/88	W01-06(A) W1-6A-MD2 8.0 07/18/88	W01-06(A) W1-6A-MD3 5.0 07/18/88	W01-06(A) W1-6A-MD4 10.0 07/18/88 SPLIT	W01-06(A) W25-3A-MD3 5.0 07/18/88 DUP
	Quantitation		************		* **********	: 200022123333
COMPOUND NAME	Limits			ts in ug/kg (pp		
*********************	=======================================		=========	= =====================================	: *=========	***********
4-Nitroaniline	1600	ND<1700	ND<3600	ND<1800	ND < 2000	ND<1800
4-Nitrophenol	1600	ND<1700	ND<3600	ND<1800	ND<2000	ND<1800
Acenaph thene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Acenaph thy lene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Anthracene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Benzo(a)anthracene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Benzo(a)pyrene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Benzo(b)fluoranthene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Benzo(g,h,i)perylene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Benzo(k)fluoranthene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Benzoic acid	1600	ND<1700	ND<3600	ND<1800	ND<2000	ND<1800
Benzyl Alcohol	330	ND<350	ND<730	ND<370	ND<420	ND<380
Bis(2-Chloroethoxy)methane	330	ND<350	ND<730	ND<370	ND<420	ND<380
Bis(2-Chloroethyl)ether	330	ND<350	ND<730	ND<370	ND<420	ND<380
Bis(2-Chloroisopropyl)ether	330	ND<350	ND<730	ND<370	ND<420	ND<380
Bis(2-Ethylhexyl)phthalate	330	ND<350	J 75	J 38	ND<420	ND<380
Butyl benzyl phthalate	330	ND<350	ND<730	ND<370	ND<420	ND<380
Chrysene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Di-n-butylphthalate	330	ND<350	ND<730	ND<370	ND<420	ND<380
Di-n-octyl phthalate	330	ND<350	ND<730	ND<370	ND<420	ND<380
Dibenz(a,h)anthracene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Dibenzofuran	330	ND<350	ND<730	ND<370	ND<420	ND<380
Diethylphthalate	330	ND<350	ND<730	ND<370	ND<420	ND<380
Dimethyl phthalate	330	ND<350	ND<730	ND<370	ND<420	ND<380
Fluoranthene	330	ND<350	ND<730	ND<370	ND<420	ND<380
Fluorene	330	ND<350	ND<730	ND<370	ND <420	ND<380

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

	=====>	W01-06(A) W1-6A-MD1 1.0 07/18/88	W01-06(A) W1-6A-MD2 8.0 07/18/88	W01-06(A) W1-6A-MD3 5.0 07/18/88	W01-06(A) W1-6A-MD4 10.0 07/18/88 SPLIT	W01-06(A) W25-3A-MD3 5.0 07/18/88 DUP
COMPOUND NAME	Quantitation Limits		ion [All result			4 22222222
Hexachlorobenzene Hexachlorobutadiene Hexachlorocyclopentadiene Hexachloroethane Indeno(1,2,3-c,d)pyrene Isophorone N-nitroso-dipropylamine N-nitrosodiphenylamine Naphthalene Nitrobenzene Pentachlorophenol Phenol	330 330 330 330 330 330 330 330 330 330	ND <350 ND <350	ND < 730 ND < 730	ND < 370 ND < 1800 ND < 370 ND < 370	ND < 420 ND < 420	ND < 380 ND < 380
Pyrene ===================================	71C 71C 71C 71C 71C 71C 71C 71C 71C 71C	в 1800	740 300 300 8 1500 370 670 740	760 150 B 1900	в 1700	270 B 1100

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : METALS MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION *****> SAMPLE NUMBER ****> SAMPLE DEPTH (ft.) **> SAMPLE DATE *******> SAMPLE TYPE ********* **************************	W01-06(A) W1-6A-MD1 1.0 07/18/88	W01-06(A) W1-6A-MD2 8.0 07/18/88	W01-06(A) W1-6A-MD3 5.0 07/18/88	W01-06(A) W1-6A-MD4 10.0 07/18/88 SPLIT	W01-06(A) W25-3A-ND3 5.0 07/18/88 DUP
COMPOUND NAME Limits		ion (All results	in ma/Ka (n	om)1	
=======================================		: ====================================			
Aluminum 40	16500	18600	8290	27100	13600
Antimony 12	51	53.6	23.7	72.2	35.7
Arsenic 2	ND<7	11.1	3.3	J 1.9	2.3
Barium 40	164	110	43.2	193	47
Beryllium 1	ND<.11	ND<.23	ND<.12	ND<.13	ND<.11
Cadmium 1	ND<.91	ND<1.92	ND<.98	ND<1.05	ND<.96
Calcium 1000	11100	8510	3730	7290	3490
Chromium 2	59.6	51.3	23.7	70	37.9
Cobalt 10	13.2	24.1	J 4.31	18	J 9.4
Copper 5	34.9	22.2	9.48	40.2	12
Iron 20	27000	22500	9160	31300	14500
Lead 1	6.5	6.1	2.9	7.3	5.6
Magnesium 1000	9860	10400	5060	13200	5690
Manganese 3	382	403	186	379	208
Mercury .04	.3	ND< <u>.3</u>	ND<.2	.2	.2
Nickel 8	54.3	73.7	32.9	76.9	41
Potassium 1000	1910	3870	1740	4170	2640
Selenium 1	ND<.55	ND<1.9	ND<.98	ND	ND<.96
Silver 2	2.4	ND<1.15	ND<.59	J 1.26	ND<.57
Sodium 1000	J 332	18700	8820	5930	8640
Thallium 2	ND<.36	ND<.77	ND<.39	J .71	J .44
Vanadium 10	60.2	55.4	27.1	83	39.1
Zinc 4	49.4	45.6	24.5	62.6	28.5

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not

analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California,

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: SOIL

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	*****	W01-06(A) W1-6A-MD1 1.0 07/18/88	W01-06(A) W1-6A-MD2 8.0 07/18/88	W01-06(A) W1-6A-MD3 5.0 07/18/88	W01-06(A) W1-6A-MD4 10.0 07/18/88 SPLIT	W01-06(A) W25-3A-MD3 5.0 07/18/88 DUP
=======================================	*********	=======================================	*********	=======================================	=======================================	**********
COMPOUND NAME	Quantitation Limits	Concentratio	on ====================================	************		***********
рĦ	.1	8.4	8.1	8.2	8.4	8.2

NA - Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	***==>	W01-06(A) W1-6A-MD1 1.0 07/18/88	W01-06(A) W1-6A-MD2 8.0 07/18/88	W01-06(A) W1-6A-M03 5.0 07/18/88	W01-06(A) W1-6A-MD4 10.0 07/18/88 SPLIT	W01-06(A) W25-3A-M03 5.0 07/18/88 DUP
	Quantitation	===========	=======================================	==========		*********
COMPOUND NAME	Limits	Concentratio	on (All result:	s in ug/Kg (ppt	o)]	
***************************************	2233333222		=======================================	**********	*********	***********
AROCLOR-1016	80	ND<86	ND<180	ND<91	ND<100	ND<92
AROCLOR-1221	80	ND<86	ND<180	ND<91	ND<100	ND<92
AROCLOR-1232	80	ND<86	ND<180	ND<91	ND<100	ND<92
AROCLOR-1242	80	ND<86	ND<180	ND<91	ND<100	ND<92
AROCLOR - 1248	80	ND<86	ND<180	ND<91	ND<100	ND<92
AROCLOR-1254	160	ND<170	ND<350	ND<180	ND<200	ND<180
AROCLOR - 1260	160	ND<170	ND<350	ND<180	ND<200	ND<180

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

the specified detection limit but greater than zero.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

***************************************	***==>	W01-06(A) W1-6A-MD1 1.0 07/18/88	W01-06(A) W1-6A-MD2 8.0 07/18/88	W01-06(A) W1-6A-MD3 5.0 07/18/88	W01-06(A) W1-6A-MD4 10.0 07/18/88 SPLIT	W01-06(A) W25-3A-MD3 5.0 07/18/88 DUP
COMPOUND NAME	Limits	Concentrati	ion [All result	ts in ug/Kg (pp		
	=======================================	=======================================				* ***********
1,1,1-Trichloroethane	5	ND	ND<11	ND<6	ND<6	ND<6
1,1,2,2-Tetrachloroethane	5	ND	ND<11	ND<6	ND<6	ND<6
1,1,2-Trichloroethane	5	ND	ND<11	ND<6	ND<6	ND<6
1.1-Dichloroethane	5	ND	ND<11	ND<6	ND<6	ND<6
1,1-Dichloroethene	5	ND	ND<11	ND<6	ND<6	ND<6
1,2-Dichloroethane	5	ND	ND<11	ND<6	ND<6	ND<6
1,2-Dichloroethenes(Total)	5	ND	ND<11	ND<6	ND<6	ND<6
1,2-Dichloropropane	5	ND	ND<11	ND<6	ND < 6	ND<6
2-Butanone	10	ND<11	ND<22	ND<11	ND<13	ND<11
2-Hexanone	10	ND<11	ND<22	ND<11	ND<13	ND<11
4-Methyl-2-pentanone	10	ND<11	ND<22	ND<11	ND<13	ND<11
Acetoné	10	B 18	B 110	в 59	В 3	B 47
Benzene	5	ND	ND<11	ND<6	ND<6	ND<6
Bromodichloromethane	5	ND	ND<11	ND<6	ND < 6	ND<6
Bromoform	5	ND	ND<11	ND<6	ND <6	ND<6
Bromomethane	10	ND<11	ND<22	ND<11	ND<13	ND<11
Carbon disulfide	5	ND	9	ND<6	ND<6	ND<6
Carbon tetrachloride	5	ND	ND<11	ND<6	ND<6	ND<6
Chlorobenzene	5	ND	ND<11	ND<6	ND <6	ND<6
Chloroethane	10	ND<11	ND<22	ND<11	13	ND<11
Chloroform	5	ND	ND<11	ND<6	ND < 6	ND<6
Chloromethane	10	ND<11	ND<22	ND<11	ND<13	ND<11
Dibromochloromethane	5	ND	ND<11	ND<6	ND<6	ND<6
Ethyl benzene	5	ND	ND<11	ND<6	ND<6	ND<6
Methylene chloride	5	B 12	в 30	в 13	в 36	B 14
Styrene	5	ND	ND<11	ND<6	ND<6	ND<6

⁻ Not Analyzed.

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed. - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

Oran EE Orice	EREE:>	W01-06(A) W1-6A-MD1 1.0 07/18/88	W01-06(A) W1-6A-MD2 8.0 07/18/88	W01-06(A) W1-6A-MD3 5.0 07/18/88	W01-06(A) W1-6A-MD4 10.0 07/18/88 SPLIT	W01-06(A) W25-3A-MD3 5.0 07/18/88 DUP
COMPOUND NAME	Quantitation Limits	Concentrat	ion [All result	ts in ug/Kg (p	pb)] = =========	
Tetrachloroethene	5	ND	ND<11	ND<6	ND<6	ND<6
Toluene	5	ND	ND<11	ND<6	ND<6	ND<6
Total xylenes	5	ND	ND<11	ND<6	ND<6	ND<6
Trichloroethene	5	ND	ND<11	ND<6	ND<6	ND<6
Vinyl acetate	10	ND<11	ND<22	ND<11	ND<13	ND<11
Vinyl chloride	10	ND<11	ND<22	ND<11	ND<13	ND<11
cis-1,3-Dichloropropene	5	ND	ND<11	ND<6	ND<6	ND<6
trans-1,3-Dichloropropene	5	ND	ND<11	ND<6	ND<6	ND<6

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

Oran EC DATE	222::>	W01-07(A) W1-7A-MD1 1.0 06/28/88	W01-07(A) W1-7A-MD2 3.0 06/28/88	W01-07(A) W1-7A-MD3 5.0 06/28/88	W01-07(A) W1-7A-MD4 10.0 06/28/88
	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All result	ts in ug/Kg (p _i	ob)]
***************************************	*********	=======================================			
1,2 Dichlorobenzene	330	ND<490	ND<660	ND<720	ND<560
1,2,4-Trichlorobenzene	330	ND<490	ND<660	ND<720	ND<560
1,3 Dichlorobenzene	330	ND<490	ND<660	ND<720	ND<560
1.4 Dichlorobenzene	330	ND<490	ND<660	ND<720	ND<560
2 Chlorophenol	330	ND<490	ND<660	ND<720	ND<560
2 Methylphenol	330	ND<490	ND<660	ND<720	ND<560
2 nitrophenol	330	ND<490	ND<660	ND<720	ND<560
2,4 Dimethylphenol	330	ND<490	ND<660	ND<720	ND<560
2,4,5-Trichlorophenol	1600	ND<2400	ND<3200	ND<3500	ND<2700
2,4,6-Trichlorophenol	330	ND<490	ND<660	ND<720	ND<560
2,4-Dichlorophenol	330	ND<490	ND<660	ND<720	ND<560
2,4-Dinitrophenol	1600	ND<2400	ND<3200	ND<3500	ND<2700
2,4-Dinitrotoluene	330	ND<490	ND<660	ND<720	ND<560
2.6-Dinitrotoluene	330	ND<490	ND<660	ND<720	ND<560
2-Chloronaphthalene	330	ND<490	ND<660	ND<720	ND<560
2-Methylnaphthalene	330	ND<490	ND<660	ND<720	ND<560
2-Nitroaniline	1600	ND<2400	ND<3200	ND<3500	ND<2700
3,3 Dichlorobenzidine	660	ND<970	ND<1300	ND<1400	ND<1100
3-Nitroaniline	1600	ND<2400	ND<3200	ND<3500	ND<2700
4,6-Dinitro-2-methylphenol	1600	ND<2400	ND<3200	ND<3500	ND<2700
4-Bromophenyl phenyl ether	330	ND<490	ND<660	ND<720	ND<560
4-Chloro-3-methylphenol	330	ND<490	ND<660	ND<720	ND<560
4-Chloroaniline	330	ND<490	ND<660	ND<720	ND<560
4-Chlorophenyl phenyl ether	330	ND<490	ND<660	ND<720	ND<560
4-Methylphenol	330	ND<490	ND<660	ND<720	ND<560

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.
- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.
Unknown & 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	***==>	W01-07(A) W1-7A-MD1	W01-07(A) W1-7A-MD2	W01-07(A) W1-7A-H03	W01-07(A) W1-7A-MD4
SAMPLE DEPTH (1		1.0	3.0	5.0	10.0
SATILE DATE	=====>	06/28/88	06/28/88	06/28/88	06/28/88
ONTIFE TITE	******				
	***********		= =========		
	Quantitation				
COMPOUND NAME	Limits		ion [All result		
	************	=======================================		= =====================================	
4-Nitroaniline	1600	ND<2400	ND<3200	ND<3500	ND <2700
4-Nitrophenol	1600	ND<2400	ND<3200	ND<3500	ND<2700
Acenaphthene	330	ND<490	ND<660	ND<720	ND<560
Acenaphthylene	330	ND<490	ND<660	ND<720	ND<560
Anthracene	330	ND<490	ND<660	ND<720	ND<560
Benzo(a)anthracene	330	ND<490	ND<660	ND<720	ND<560
Benzo(a)pyrene	330	ND<490	ND<660	ND<720	ND<560
Benzo(b)fluoranthene	330	ND<490	ND<660	ND<720	ND<560
Benzo(g,h,i)perylene	330	ND<490	ND<660	ND<720	ND<560
Benzo(k)fluoranthene	330	ND<490	ND<660	ND<720	ND<560
Benzoic acid	1600	ND<2400	ND<3200	ND<3500	ND<2700
Benzyl Alcohol	330	ND<490	ND<660	ND<720	ND<560
Bis(2-Chloroethoxy)methane	330	ND<490	ND<660	ND<720	ND<560
Bis(2-Chloroethyl)ether	330	ND<490	ND<660	ND<720	ND<560
Bis(2-Chloroisopropyl)ether	330	ND<490	ND<660	ND<720	ND<560
Bis(2-Ethylhexyl)phthalate	330	J 310	ND<660	ND<720	ND<560
Butyl benzyl phthalate	330	ND<490	ND<660	ND<720	ND<560
Chrysene	330	ND<490	ND<660	ND<720	ND<560
Di-n-butylphthalate	330	ND<490	ND<660	ND<720	ND<560
Di-n-octyl phthalate	330	ND <490	ND<660	ND<720	ND<560
Dibenz(a,h)anthracene	330	ND<490	ND<660	ND<720	ND<560
Dibenzofuran	330	ND<490	ND<660	ND<720	ND<560
Diethylphthalate	330	ND<490	ND<660	ND<720	ND<560
Dimethyl phthalate	330	ND<490	ND<660	ND<720	ND<560
Fluoranthene	330	ND<490	ND<660	ND<720	ND<560
fluorene	330	ND<490	ND<660	ND<720	ND<560

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero. - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound. No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : BNA
MATRIX: SOIL

Results of Soil Semple

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

1104 07441

SAMPLE LOCATION	====>	W01-07(A)	W01-07(A)	W01-07(A)	W01-07(A)
SAMPLE NUMBER	E===>	W1-7A-MD1	W1-7A-MD2	W1-7A-HD3	W1-7A-MD4
SAMPLE DEPTH (f	t.) ==>	1.0	3.0	5.0	10.0
SAMPLE DATE ==	=====>	06/28/88	06/28/88	06/28/88	06/28/88
SAMPLE TYPE ==	=====>				
	*======================================	=======================================	= ==========		=======================================
	Quantitation				
COMPOUND NAME	Limits		ion [All result	• • • • • • • • • • • • • • • • • • • •	

Hexachlorobenzene	330	ND<490	ND<660	ND<720	ND<560
Hexachlorobutadiene	330	ND<490	ND<660	ND<720	ND<560
Mexachlorocyclopentadiene	330	ND<490	ND<660	ND<720	ND<560
Hexachloroethane	330	ND<490	ND<660	ND<720	ND<560
Indeno(1,2,3-c,d)pyrene	330	ND<490	ND<660	ND<720	ND<560
Isophorone	330	ND<490	ND<660	ND<720	ND<560
N-nitroso-dipropylamine	330	ND<490	ND<660	ND<720	ND<560
N-nitrosodiphenylamine	330	ND<490	ND<660	ND<720	ND<560
Naphthalene	330	ND<490	ND<660	ND<720	ND<560
Nitrobenzene	330	ND<490	ND<660	ND<720	ND<560
Pentachiorophenol	1600	ND<2400	ND<3200	ND<3500	ND<2700
Phenanthrene	330	ND<490	ND<660	ND<720	ND<560
Phenol	330	ND<490	ND<660	ND<720	ND<560
Pyrene	330	ND<490	ND<660	ND<720	ND<560
======== TIC =========					
2(5H)-Furanone, 5,5-Dimethyl	TIC	490			
3-Heptanone, 2,4-Dimethyl-	TIC	290			
Chlorinated Hydrocarbon @ 9.2	TIC		400		
Ethanol, 2,2'-Oxybis-, Diace	TIC			510	
Molecular Sulfur (S8)	TIC		33000	29000	560
Unknown a 10.04	TIC		2700		
Unknown a 10.07	TIC			1400	
Unknown @ 11.02	TIC	340			
Unknown a 37.92	TIC				560
Unknown a 40.99	TIC			360	
Unknown a 42.91	TIC		530		
Unknown a 43.13	TIC		870		
NA - Not Analyzed					

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION	====>	W01-07(A)	W01-07(A)	W01-07(A)	W01-07(A)
SAMPLE NUMBER	====>	W1-7A-MD1	W1-7A-MD2	W1-7A-MD3	W1-7A-MD4
SAMPLE DEPTH (1	-	1.0	3.0	5.0	10.0
	*=====>	06/28/88	06/28/88	06/28/88	06/28/88
SAMPLE TYPE ==	=====>				
=======================================	****	==========	= ====================================	==========	
	Quantitation				
COMPOUND NAME	Limits	Concentrat	ion [All result	s in ug/Kg (p	pb)]
	######################################	=======================================	= ==========	===========	/. = ==========
Unknown a 9.25	TIC				1100
Unknown a 9.30	TIC		2000		****
Unknown a 9.34	TIC	240	2000		
Unknown a 9.35		240		1400	
	TIC	4400		1400	
Unknown a 9.49	TIC	1400			
Unknown Hydrocarbon @ 23.85	TIC				400
Unknown Hydrocarbon @ 31.77	TIC			2200	
Unknown Hydrocarbon a 34.07	TIC			1400	
Unknown Hydrocarbon @ 36.21	TIC			2900	
Unknown Hydrocarbon 2 38.24	ŤĬĊ			2200	
Unknown Hydrocarbon a35.91	TIC			2200	340
Unknown Ketone	TIC				280

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS MATRIX: SOIL

SAMPLE LOCATION *====>

SAMPLE NUMBER ====>

Report Generated: 12/09/88

W01-07(A)

W1-7A-MD4

61.2

79.5

Results of Soil Sample Analyses Site 1, Phase 1

W01-07(A)

W1-7A-MD1

W01-07(A)

W1-7A-MD2

W01-07(A)

W1-7A-MD3

83.6

98.2

NAS MOFFETT FIELD

SAMPLE DEPTH (1 SAMPLE DATE == SAMPLE TYPE == COMPOUND NAME	=====> ======> =======================	1.0 06/28/88 	3.0 06/28/88 ======== on [All result		
		=========	==========	: :::::::::::::::	= =========
Aluminum	40	13900	22200	29400	20700
Antimony	12	13.2	13.4	16.1	15.5
Arsenic	2	11.1	7.2	9.0	4.7
Barium	40	267	62.2	65.7	93.5
Beryllium	!	1.3	1.2	1.5	1.3
Cadmium	1	2.9	ND<1.6	ND<1.9	ND<1.3
Calcium	1000	20500	3990	4380	17300
Chromium	2	38.7	72.6	91.1	68.1
Cobalt	10	J 8.5	16.2	13.5	15.0
Copper	5	25.8	38.9	31.2	30.6
Iron	20	24600	27600	34500	29300
Lead	1	14.3	10.5	34.0	49.5
Magnesium	1000	6600	13100	15900	13900
Manganese	3	348	354	308	493
Mercury	.04	0.2	0.3	ND<0.2	ND<0.2
Nickel	8	37.2	108	106	75.4
Potassium	1000	1970	4380	5860	3260
Selenium	1	1.2	J 0.98	ND<1.1	ND<0.78
Silver	2	ND<0.77	ND<0.98	ND<1.1	ND<0.78
Sodium	1000	3580	17000	19000	11700
Thallium	2	2.0	J 1.6	2.2	J 1.3
					· :=

NA - Not Analyzed.

Vanadium

Zinc

This compound was not detected at or above the Quantitation Limit.

10

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

39.3

95.4

67.1

85.5

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

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PANEL : MISC MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION #####> SAMPLE NUMBER #####>	W01-07(A) W1-7A-MD1	W01-07(A) W1-7A-MD2	W01-07(A) W1-7A-MD3	W01-07(A) W1-7A-MD4
SAMPLE DEPTH (ft.) ==>	1.0	3.0	5.0	10.0
SAMPLE DATE ******** SAMPLE TYPE ********	06/28/88	06/28/88	06/28/88	06/28/88
quantital				*========
COMPOUND NAME Limits		ion		
pH .1	8.7	8.2	8.2	7.8

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- J The data indicate the presence of a compound that meets the identification criteria but the result is less than
 - the specified detection limit but greater than zero.
- B The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	====>	W01-07(A) W1-7A-MD1 1.0 06/28/88	W01-07(A) W1-7A-MD2 3.0 06/28/88	W01-07(A) W1-7A-ND3 5.0 06/28/88	W01-07(A) W1-7A-MD4 10.0 06/28/88
	0	=========			
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result	ts in ug/Kg (pp	ob)] = ==========
AROCLOR-1016	80	ND<120	ND<160	ND<170	ND<140
AROCLOR - 1221	80	ND<120	ND<160	ND<170	ND<140
AROCLOR-1232	80	ND<120	ND<160	ND<170	ND<140
AROCLOR - 1242	80	ND<120	ND<160	ND<170	ND<140
AROCLOR - 1248	80	ND<120	ND<160	ND<170	ND<140
AROCLOR - 1254	160	ND<240	ND<320	ND<350	ND<270
AROCLOR-1260	160	ND<240	ND<320	ND<350	ND<270

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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the specified detection limit but greater than zero.

B The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

SAMPLE LOCATION ====>

Report Generated: 12/09/88

W01-07(A)

W01-07(A)

W01-07(A)

Results of Soil Sample Analyses Site 1, Phase 1

W01-07(A)

SAMPLE LUCATION	224427	WU1-U/(A)	MOI-OL(V)	WU1-U1(A)	WUI-U/(K)
SAMPLE NUMBER	====>	W1-7A-MD1	W1-7A-MD2	W1-7A-MD3	W1-7A-MD4
SAMPLE DEPTH (1	t.) ==>	1.0	3.0	5.0	10.0
SAMPLE DATE ==	*****	06/28/88	06/28/88	06/28/88	06/28/88
SAMPLE TYPE ==	=====>				
	22222222222	===========		* =========	
	Quantitation				
COMPOUND NAME	Limits	Concentrat	ion [All result	ts in ug/Kg (p _i	ob)]
=======================================	=======================================	==========	= ===========		
1,1,1-Trichloroethane	5	ND<7	ND<10	ND<11	ND<8
1,1,2,2-Tetrachloroethane	5	ND<7	ND<10	ND<11	ND<8
1,1,2-Trichloroethane	5	ND<7	ND<10	ND<11	ND<8
1,1-Dichloroethane	5	ND<7	ND<10	ND<11	ND<8
1,1-Dichloroethene	5	ND<7	ND<10	ND<11	ND<8
1,2-Dichloroethane	5	ND<7	ND<10	ND<11	ND<8
1,2-Dichloropropane	5	ND<7	ND<10	ND<11	ND<8
2-Butanone	10	J 2	50	140	ND<17
2-Hexanone	10	ND<15	ND<20	ND<22	ND<17
4-Methyl-2-pentanone	10	ND<15	ND<20	ND<22	ND<17
Acetone	10	В 14	В 190	в 700	B 150
Benzene	5	ND<7	ND<10	ND<11	ND<8
Bromodichloromethane	5	ND<7	ND<10	ND<11	ND<8
Bromoform	5	ND<7	ND<10	ND<11	ND<8
Bromomethane	10	ND<15	ND<20	ND<22	ND<17
Carbon disulfide	5	ND<7	20	ND<11	14
Carbon tetrachloride	5	ND<7	ND<10	ND<11	ND<8
Chlorobenzene	5	ND<7	ND<10	ND<11	ND<8
Chloroethane	10	ND<15	ND<20	ND<22	ND<17
Chloroform	5	ND<7	ND<10	ND<11	ND<8
Chloromethane	10	ND<15	ND<20	ND<22	ND<17
Dibromochloromethane	5	ND<7	ND<10	ND<11	ND<8
Ethyl benzene	5	ND < 7	ND<10	ND<11	ND<8
Methylene chloride	5	B 13	В 34	B 27	B 23
Styrene	5	ND < 7	ND<10	ND<11	ND<8
Tetrachloroethene	5	ND<7	ND<10	ND<11	ND<8
	-				

⁻ Not Analyzed.

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	***==>	W01-07(A) W1-7A-MD1 1.0 06/28/88	W01-07(A) W1-7A-MD2 3.0 06/28/88	W01-07(A) W1-7A-MD3 5.0 06/28/88	W01-07(A) W1-7A-MD4 10.0 06/28/88
COMPOUND NAME	Quantitation Limits	Concentratio	on (All results	s in ug/Kg (pp	ob)]
Toluene	5	ND<7	13	j 2	ND<8
Total xylenes	5	ND<7	ND<10	ND<11	ND<8
Trichloroethene	5	ND<7	ND<10	ND<11	ND<8
Vinyl acetate	10	ND<15	ND<20	ND<22	ND<17
Vinyl chloride	10	ND<15	ND<20	ND<22	ND<17
cis-1,3-Dichloropropene	5	ND<7	ND<10	ND<11	ND<8
trans-1,2-Dichloroethene	5	ND<7	ND<10	ND<11	ND<8
trans-1,3-Dichloropropene	5	ND<7	ND<10	ND<11	ND<8

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

the specified detection limit but greater than zero.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

	###### ft.) ==> ######## ##########################	W01-08(A) W1-8A-MD1 1.0 07/08/88	W01-08(A) W1-8A-MD2 3.0 07/08/88 SPLIT	W01-08(A) W1-8A-MD3 5.0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-MD3 5.0 07/08/88 DUP
COMPOUND NAME	Quantitation Limits	Concentrati	on [All results	s in wa/Ka (no	h))]	
***************************************	#32#######	===========	=======================================			=======================================
1,2 Dichlorobenzene	330	ND<750	ND<750	ND<660	ND<660	ND<720
1,2,4-Trichlorobenzene	330	ND<750	ND<750	ND<660	ND<660	ND<720
1,3 Dichlorobenzene	330	ND<750	ND<750	ND<660	ND<660	ND<720
1,4 Dichlorobenzene	330	ND<750	ND<750	ND<660	ND<660	ND <720
2 Chlorophenol	330	ND<750	ND<750	ND<660	ND<660	ND<720
2 Methylphenol	330	ND<750	ND<750	ND<660	ND<660	ND<720
2 nitrophenol	330	ND<750	ND<750	ND<660	ND<660	ND<720
2,4 Dimethylphenol	330	ND<750	ND<750	ND<660	ND <660	ND<720
2,4,5-Trichlorophenol	1600	ND<3600	ND<3600	ND<3200	ND<3200	ND<3500
2,4,6-Trichlorophenol	330	ND<750	ND<750	ND<660	ND<660	ND<720
2,4-Dichlorophenol	330	ND<750	ND<750	ND<660	ND<660	ND<720
2,4-Dinitrophenol	1600	ND<3600	ND<3600	ND<3200	ND<3200	ND<3500
2,4-Dinitrotoluene	330	ND<750	ND<750	ND<660	ND<660	ND<720
2,6-Dinitrotoluene	330	ND<750	ND<750	ND<660	ND<660	ND<720
2-Chloronaphthalene	330	ND<750	ND<750	ND<660	ND<660	ND<720
2-Methylnaphthalene	330	ND<750	ND<750	ND<660	ND<660	ND<720
2-Nitroaniline	1600	ND<3600	ND<3600	ND<3200	ND<3200	ND<3500
3,3 Dichlorobenzidine	660	ND<1500	ND<1500	ND<1300	ND<1300	ND<1400
3-Nitroaniline	1600	ND<3600	ND<3600	ND<3200	ND<3200	ND<3500
4,6-Dinitro-2-methylphenol	1600	ND<3600	ND<3600	ND<3200	ND<3200	ND<3500
4-Bromophenyl phenyl ether	330	ND<750	ND<750	ND<660	ND<660	ND<720
4-Chloro-3-methylphenol	330	ND<750	ND<750	ND<660	ND<660	ND<720
4-Chloroaniline	330	ND<750	ND<750	ND<660	ND<660	ND<720
4-Chlorophenyl phenyl ether	330	ND<750	ND<750	ND<660	ND<660	ND<720
4-Methylphenol	330	ND<750	ND<750	ND<660	ND<660	ND<720

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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the specified detection limit but greater than zero.

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Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

	****=> ft.) ==> ******** ********	W01-08(A) W1-8A-MD1 1.0 07/08/88	W01-08(A) W1-8A-M02 3.0 07/08/88 SPLIT	W01-08(A) W1-8A-M03 5.0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-MD3 5.0 07/08/88 DUP
COMPOUND NAME	Quantitation Limits	Concentrati	ion [All result	ts in ug/Kg (pa	ob)]	
=======================================	*********	=======================================			. ************	
4-Nitroaniline	1600	ND<3600	ND<3600	ND<3200	ND<3200	ND<3500
4-Nitrophenol	1600	ND < 3600	ND<3600	ND<3200	ND<3200	ND<3500
Acenaphthene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Acenaphthylene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Anthracene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Benzo(a)anthracene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Benzo(a)pyrene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Benzo(b)fluoranthene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Benzo(g,h,i)perylene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Benzo(k)fluoranthene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Benzoic acid	1600	ND<3600	ND<3600	ND<3200	ND<3200	ND<3500
Benzyl Alcohol	330	ND<750	ND<750	ND<660	ND<660	ND<720
Bis(2-Chloroethoxy)methane	330	ND<750	ND<750	ND<660	ND<660	ND<720
Bis(2-Chloroethyl)ether	330	ND<750	ND<750	ND<660	ND<660	ND<720
Bis(2-Chloroisopropyl)ether	330	ND<750	ND<750	ND<660	ND<660	ND<720
Bis(2-Ethylhexyl)phthalate	330	J 170	ND<750	ND<660	J 170	ND<720
Butyl benzyl phthalate	330	ND<750	ND<750	ND<660	ND<660	ND<720
Chrysene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Di-n-butylphthalate	330	ND<750	ND<750	ND<660	ND<660	ND<720
Di-n-octyl phthalate	330	ND<750	ND<750	ND<660	ND<660	ND<720
Dibenz(a,h)anthracene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Dibenzofuran	330	ND<750	ND<750	ND<660	ND<660	ND<720
Diethylphthalate	330	ND<750	J 230	ND<660	ND<660	ND<720
Dimethyl phthalate	330	ND<750	ND<750	ND<660	ND<660	ND<720
Fluoranthene	330	ND<750	ND<750	J 73	ND<660	ND<720
Fluorene	330	ND<750	ND<750	ND<660	ND<660	ND<720

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

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Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

	***==>	W01-08(A) W1-8A-M01 1.0 07/08/88	W01-08(A) W1-8A-M02 3.0 07/08/88 SPLIT	W01-08(A) W1-8A-M03 5.0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-MD3 5.0 07/08/88 DUP
COMPOUND NAME	Quantitation Limits	Concentrat	ion (All result	s in wa/Ka (po	b)1	

Hexach Lorobenzene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Hexachlorobutadiene	330	ND <750	ND<750	ND<660	ND<660	NO<720
Hexachlorocyclopentadiene	330	ND <750	ND<750	ND<660	ND<660	ND<720
Hexachloroethane	330	ND <750	ND < 750	ND<660	ND<660	NO<720
Indeno(1,2,3-c,d)pyrene	330	ND<750	ND<750	ND<660	ND<660	NO<720
Isophorone	330	ND <750	ND<750	ND<660	ND<660	ND<720
N-nitroso-dipropylamine	330	ND < 750	ND<750	ND<660	ND<660	ND<720
N-nitrosodiphenylamine	330	ND<750	ND<750	ND<660	ND<660	NO<720
Naphthalene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Nitrobenzene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Pentachlorophenol	1600	ND < 3600	ND<3600	ND<3200	ND<3200	ND<3500
Phenanthrene	330	ND<750	ND<750	ND<660	ND<660	ND<720
Phenol	330	ND<750	ND<750	ND<660	ND<660	ND<720
Pyrene	330	ND<750	ND<750	J 110	ND<660	ND<720
========= TIC ========						
3-Heptanone, 2, 4-Dimethyl-	TIC	450				
5,5-Dimethyl-2(5H)-Furanone	TIC	680	В 1500	в 670	В 1300	B 2200
Molecular Sulfur (S8)	TIC		B 2300	20000	20000	2200
Unknown @ 20.32	TIC		380			
Unknown @ 30.94	TIC			400		
Unknown @ 32.47	TIC			470		
Unknown @ 34.64	TIC			600		
Unknown @ 35.31	TIC			600		
Unknown a 36.66	TIC			530		
Unknown @ 37.24	TIC		1500			
Unknown @ 37.32	TIC			400		
Unknown a 39.87	TIC			270		
NA - Not Analyzed.						

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.
 The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

^{8 -} The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	####=>	W1- 1.0	-08(A) 8A-MD1 08/88	W01-08(A) W1-8A-MD2 3.0 07/08/88 SPLIT	W01-08(A) W1-8A-MD3 5.0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-MD3 5.0 07/08/88 DUP
	Quantitation		_				
COMPOUND NAME	Limits	Co	ncentratio	on [All results	s in ug/Kg (ppt	>)]	
	121221122111	====				**************************************	
Unknown a 41.21	TIC				1300		
Unknown a 41.37	TIC				2000		
Unknown @ 8.70	TIC					в 1300	
Unknown @ 8.75	TIC			2300			
Unknown @ 8.80	TIC						В 2900
Unknown @ 8.84	TIC				В 2000		
Unknown a 9.65	TIC			450			
Unknown a30.91	TIC		380				
Unknown a35.2 6	TIC		680				
Unknown a37.29	TIC	_	380				
Unknown 88.72	TIC	В	1500			774	
Unknown Hydrocarbon a 23.27	TIC				070	330	
Unknown Hydrocarbon a 37.24	TIC				270	530	500
Unknown Hydrocarbon a 37.26	TIC						580
Unknown Hydrocarbon 223.27	TIC		380				
Unknown Hydrocarbon 223.29	TIC			610			
Unknown Hydrocarbon 237.22	TIC		380				

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

PANEL : METALS MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE TYPE ==	=====> ft.) ==> e=====>	W01-08(A) W1-8A-MD1 1.0 07/08/88	W01-08(A) W1-8A-MD2 3.0 07/08/88 SPLIT	W01-08(A) W1-8A-MD3 5.0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-MD3 5.0 07/08/88 DUP
	Quantitation	***********	=========	*********	*=======	**********
COMPOUND NAME	Limits		on [All results		n)] =========	***********
Aluminum	40	41500	395 00	36400	18800	40600
Antimony	12	17.3	21.4	26.9	13.3	24.2
Arsenic	2	ND<17.6	ND<25.7	ND<25.5	ND<22.4	10.1
Barium	40	105	113	83.6	J 39.8	103
Beryllium	i	ND<0.15	ND<0.22	ND<0.22	ND<0.19	ND<0.22
Cadmium	i	ND<1.3	ND<1.8	ND<1.8	ND<1.6	ND<1.8
Calcium	1000	3860	4620	4500	3390	4860
Chromium	2	114	111	115	52.6	115
Cobalt	10	16.8	12.7	21.7	J 9.4	20.2
Copper	5	29.4	31.4	42.2	20.1	37.5
Iron	20	43000	31700	51200	19100	46800
Lead	1	15.1	10.7	19.3	24.3	14.6
Magnesium	1000	13800	16900	19100	8700	17600
Manganese	3	295	328	484	190	444
Mercury	.04	0.3	0.4	0.3	ND<0.3	0.3
Nickel	8	87.4	96.6	118	43.6	106
Potassium	1000	5720	8060	7250	3280	8230
Selenium	1	ND<0.76	ND<1.1	ND<1.1	ND<0.96	ND<1.1
Silver	2	ND<0.76	ND<1.1	ND<1.1	ND<0.96	ND<1.1
Sodium	1000	2460	13300	19200	8110	18500
Thattium	2	J 0.81	ND<0.73	ND<0.73	J 0.86	J 0.93
Vanadium	10	95.5	88.8	94.6	49.7	102
Zinc	4	102	94.5	116	52.8	106

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	####=>	W01-08(A) W1-8A-MD1 1.0 07/08/88	W01-08(A) W1-8A-MD2 3.0 07/08/88 SPLIT	W01-08(A) W1-8A-MD3 5.0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-MD3 5.0 07/08/88 DUP
COMPOUND NAME	Quantitation Limits	Concentratio	**************************************			
На	.1	3.9	8.4	8.1	8.2	8.1

NA - Not Analyzed.

ID - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

3.4 22 3	#####>	W01-08(A) W1-8A-MD1 1.0 07/08/88	W01-08(A) W1-8A-MD2 3.0 07/08/88 SPLIT	HO1-08(A) H1-8A-HD3 5.0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-MD3 5.0 07/08/88 DUP
#=====================================	***********	=======================================	**********	=======================================		=======================================
COMPOUND NAME	Quantitation Limits	Concentration	on (All result:	s in ug/Kg (ppl))] ========	********
AROCLOR-1016	80	ND<130	ND<180	ND<180	ND<160	ND<170
AROCLOR-1221	80	ND<130	ND<180	ND<180	ND<160	ND<170
AROCLOR-1232	80	ND<130	ND<180	ND<180	ND<160	ND<170
AROCLOR-1242	80	ND<130	ND<180	ND<180	ND<160	ND<170
AROCLOR-1248	80	ND<130	ND<180	ND<180	ND<160	ND<170
AROCLOR - 1254	160	ND<260	ND<360	ND<360	ND<320	ND<350
AROCLOR-1260	160	ND<260	ND<360	ND<360	ND<320	ND<350

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER SAMPLE DEPTH (1 SAMPLE DATE === SAMPLE TYPE ===	###### ft.) ==> ###################################	W01-08(A) W1-8A-MD1 1.0 07/08/88	W01-08(A) W1-8A-MD2 3.0 07/08/88 SPLIT	W01-08(A) W1-8A-MD3 5.0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-M03 5.0 07/08/88 DUP
COMPOUND NAME	Quantitation Limits		ion [All result			
	=======================================	=======================================	= =====================================	- *=========		. =============
1,1,1-Trichloroethane	5	ND<11	ND<11	ND<10	ND<10	ND<11
1,1,2,2-Tetrachloroethane	5	ND<11	ND<11	ND<10	ND<10	ND<11
1,1,2-Trichloroethane	5	ND<11	ND<11	ND<10	ND<10	ND<11
1,1-Dichloroethane	5	ND<11	ND<11	ND<10	ND<10	ND<11
1,1-Dichloroethene	5	ND<11	ND<11	ND<10	ND<10	ND<11
1,2-Dichloroethane	5	ND<11	ND<11	ND<10	ND<10	ND<11
1,2-Dichloropropane	5	ND<11	ND<11	ND<10	ND<10	ND<11
2-Butanone	10	ND<23	ND<23	ND<20	ND<20	ND<22
2-Hexanone	10	ND<23	ND<23	ND<20	ND < 20	ND<22
4-Methyl-2-pentanone	10	ND<23	ND<23	ND<20	ND<20	ND<22
Acetone	10	B 42	В 120	В 120	В 100	в 90
Benzene	5	ND<11	ND<11	ND<10	ND<10	ND<11
Bromodichloromethane	5	ND<11	ND<11	ND<10	ND<10	ND<11
Bromoform	5	ND<11	ND<11	ND<10	ND<10	ND<11
Bromomethane	10	ND<23	ND<23	ND<20	ND<20	ND<22
Carbon disulfide	5	ND<11	9	13	28	11
Carbon tetrachloride	5	ND<11	ND<11	ND<10	ND<10	ND<11
Chlorobenzene	5	ND<11	ND<11	ND<10	ND<10	ND<11
Chloroethane	10	ND<23	ND<23	ND<20	ND<20	ND<22
Chloroform	5	ND<11	ND<11	ND<10	ND<10	ND<11
Chloromethane	10	ND<23	ND<23	ND<20	ND<20	ND<22
Dibromochloromethane	5	ND<11	ND<11	ND<10	ND<10	ND<11
Ethyl benzene	5	ND<11	ND<11	ND<10	ND<10	ND<11
Methylene chloride	5	B 29	B 93	в 39	B 42	B 47
Styrene	5	ND<11	ND<11	ND<10	ND<10	ND<11
Tetrachloroethene	5	ND<11	ND<11	ND<10	ND<10	ND<11

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

0.5 22 02	====>	W01-08(A) W1-8A-MD1 1.0 07/08/88	W01-08(A) W1-8A-M02 3.0 07/08/88 SPLIT	W01-08(A) W1-8A-MD3 5_0 07/08/88	W01-08(A) W1-8A-MD4 10.0 07/08/88	W01-08(A) W25-8A-MD3 5.0 07/08/88 DUP
COMPOUND NAME	Quantitation Limits	Concentra	tion [All resul	lts in ug/Kg (p	ob)] = ==========	* ************************************
Toluene	5	J 3	J 3	ND<10	ND<10	5
Total xylenes	5	ND<11	ND<11	ND<10	ND<10	ND<11
Trichloroethene	5	ND<11	ND<11	ND<10	ND<10	ND<11
Vinyl acetate	10	ND<23	ND<23	ND<20	ND<20	ND<22
Vinyl chloride	10	ND<23	ND<23	ND<20	ND<20	ND<22
cis-1,3-Dichloropropene	5	ND<11	ND<11	ND<10	ND<10	ND<11
trans-1,2-Dichloroethene	5	ND<11	ND<11	ND<10	ND<10	ND<11
trans-1.3-Dichloropropene	5	ND<11	ND<11	ND<10	ND<10	ND<11

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOÇATION SAMPLE NUMBER SAMPLE DEPTH (f SAMPLE DATE == SAMPLE TYPE ==	====> t.) ==> =====> =====>	W01-09(F) DUP-1 29.5 07/01/88 DUP	W01-09(F) S1-MD-S1 1.0 07/01/88	W01-09(F) \$2-MD-\$1 13.0 07/01/88	W01-09(F) S4-MD-S1 29.5 07/01/88
COMPONING NAME	Quantitation Limits	Concentration	on [All results	in walka (no	n 1 1
COMPOUND NAME	LIMI(2	Concentration	AI [ALL TESULES	s in ug/kg (pp	
1,2 Dichlorobenzene	330	ND<380	ND<41000	ND<42000	ND<450
1,2,4-Trichlorobenzene	330	ND<380	ND<41000	ND<42000	ND<450
1,3 Dichlorobenzene	330	ND<380	ND<41000	ND<42000	ND<450
1,4 Dichlorobenzene	330	ND<380	ND<41000	ND<42000	ND<450
2 Chlorophenol	330	ND<380	ND<41000	ND<42000	ND<450
2 Methylphenol	330	ND<380	ND<41000	ND<42000	ND<450
2 nitrophenol	330	ND<380	ND<41000	ND<42000	ND<450
2,4 Dimethylphenol	330	ND<380	ND<41000	ND<42000	ND <450
2,4,5-Trichlorophenol	1600	ND<1800	ND<200000	ND<210000	ND<2200
2,4,6-Trichlorophenol	330	ND<380	ND<41000	ND<42000	ND<450
2,4-Dichlorophenol	330	ND<380	ND<41000	ND<42000	ND<450
2,4-Dinitrophenol	1600	ND<1800	ND<200000	ND<210000	ND<2200
2,4-Dinitrotoluene	330	ND<380	ND<41000	ND<42000	ND<450
2,6-Dinitrotoluene	330	ND<380	ND<41000	ND<42000	ND<450
2-Chloronaphthalene	330	ND<380	ND<41000	ND<42000	ND<450
2-Methylnaphthalene	330	ND<380	ND<41000	ND<42000	ND<450
2-Nitroaniline	1600	ND<1800	ND<200000	ND<210000	ND<2200
3,3 Dichlorobenzidine	660	ND<760	ND<83000	ND<85000	ND<890
3-Nitroaniline	1600	ND<1800	ND<200000	ND<210000	ND<2200
4,6-Dinitro-2-methylphenol	1600	ND<1800	ND<200000	ND<210000	ND<2200
4-Bromophenyl phenyl ether	330	ND<380	ND<41000	ND<42000	ND<450
4-Chloro-3-methylphenol	330	ND<380	ND<41000	ND<42000	ND<450
4-Chloroaniline	330	ND<380	ND<41000	ND<42000	ND<450
4-Chlorophenyl phenyl ether	330	ND<380	ND<41000	ND<42000	ND<450
4-Methylphenol	330	ND<380	14000	ND<42000	890

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Unknown @ 9.07 indicates the retention time for the unknown compound.

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analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California,
Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	====>		W01-09(F) S1-WD-S1 1.0 07/01/88	s in ug/Kg (pp	•
4-Nitroaniline	1600	ND<1800	ND<200000	ND<210000	ND<2200
4-Nitrophenol	1600	ND<1800	ND<200000	ND<210000	ND<2200
Acenaphthene	330	ND<380	ND<41000	ND<42000	ND<450
Acenaphthylene	330	ND<380	ND<41000	ND<42000	ND<450
Anthracene	330	ND<380	ND<41000	ND<42000	ND<450
Benzo(a)anthracene	330	ND<380	ND<41000	ND<42000	ND<450
Benzo(a)pyrene	330	ND<380	ND<41000	ND<42000	ND<450
Benzo(b)fluoranthene	330	ND<380	ND<41000	ND<42000	ND<450
Benzo(g,h,i)perylene	330	ND<380	ND<41000	ND<42000	ND<450
Benzo(k)fluoranthene	330	ND<380	ND<41000	ND<42000	ND<450
Benzoic acid	1600	ND<1800	ND<200000	ND<210000	ND<2200
Benzyl Alcohol	330	ND<380	ND<41000	ND<42000	ND<450
Bis(2-Chloroethoxy)methane	330	ND<380	ND<41000	ND<42000	ND<450
Bis(2-Chloroethyl)ether	330	ND<380	ND<41000	ND<42000	ND<450
Bis(2-Chloroisopropyl)ether	330	ND<380	ND<41000	ND<42000	ND<450
Bis(2-Ethylhexyl)phthalate	330	J 140	ND<41000	ND<42000	1100
Butyl benzyl phthalate	330	ND<380	ND<41000	ND<42000	J 110
Chrysene	330	ND<380	ND<41000	ND<42000	ND<450
Di-n-butylphthalate	330	ND<380	ND<41000	ND<42000	ND<450
Di-n-octyl phthalate	330	ND<380	ND<41000	ND<42000	ND<450
Dibenz(a,h)anthracene	330	ND<380	ND<41000	ND<42000	ND<450
Dibenzofuran	330	ND<380	ND<41000	ND<42000	ND<450
Diethylphthalate	330	ND<380	ND<41000	ND<42000	ND<450
Dimethyl phthalate	330	ND<380	ND<41000	ND<42000	ND <450
Fluoranthene	330	ND<380	ND<41000	ND<42000	ND<450
fluorene	330	ND<380	ND <41000	ND<42000	ND<450

NA - Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATIO	W ====>	W01-09(F)	W01-09(F)	W01-09(F)	W01-09(F)
SAMPLE NUMBER	====>	DUP-1	S1-MD-S1	S2-MD-S1	S4-MD-S1
SAMPLE DEPTH (ft.) ==>	29.5	1.0	13.0	29.5
SAMPLE DATE =	=====>	07/01/88	07/01/88	07/01/88	07/01/88
SAMPLE TYPE =	******	DUP			
		==========		: ===========	
	Quantitation				
COMPOUND NAME	Limits		ion [All result	s in ug/Kg (pp	b)]
*********************	***********	==========	= =========		
Hexach Lorobenzene	330	ND<380	ND<41000	ND<42000	ND<450
Hexachlorobutadiene	330	ND<380	ND<41000	ND<42000	ND<450
Hexachlorocyclopentadiene	330	ND<380	ND<41000	ND<42000	ND<450
Hexach Loroethane	330	ND<380	ND<41000	ND<42000	ND<450
Indeno(1,2,3-c,d)pyrene	330	ND<380	ND<41000	ND<42000	ND<450
Isophorone	330	ND<380	ND<41000	ND<42000	ND<450
N-nitroso-dipropylamine	330	ND<380	ND <41000	ND<42000	ND<450
N-nitrosodiphenylamine	330	ND<380	ND<41000	ND<42000	ND<450
Naphthal ene	330	ND<380	ND<41000	ND<42000	ND<450
Nitrobenzene	330	ND<380	ND<41000	ND<42000	ND<450
Pentachlorophenol	1600	ND<1800	ND<200000	ND<210000	ND<2200
Phenanthrene	330	ND<380	ND<41000	ND<42000	ND<450
Phenol	330	ND<380	ND<41000	ND<42000	ND<450
Pyrene	330	ND<380	ND<41000	ND<42000	ND<450
======================================					
2,3,7-Trimethyl Decane	TIC			43000	
2,5,6-Trimethyl Decane	TIC			38000	
5-Methyl-5-Hexene-2-One	TIC				450
Betacosane	TIC			260000	
Carboxylic Acid	TIC		82 0000		
Hexadecanoic Acid	TIC				450
Hexanoic Acid	TIC		830000		
Molecular Sulfur (\$8)	TIC			34000	4500
Octanoic Acid	TIC		33000		
Unknown @ 17.55	TIC				410
Unknown a 24.80	TIC		25000		
Unknown @ 26.51	TIC			30000	
NA - Not Analyzed.					

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed. - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE MUMBER SAMPLE DEPTH (SAMPLE DATE == SAMPLE TYPE ==	###==> ft.) ==> ####==>	W01-09(F) DUP-1 29.5 07/01/88 DUP	W01-09(F) S1-MD-S1 1.0 07/01/88	W01-09(F) S2-MD-S1 13.0 07/01/88	W01-09(F) S4-MD-S1 29.5 07/01/88
COMPOUND NAME	Limits		on [All result		
***************************************	***********		=======================================		************
Unknown a 27.09	TIC		33000		
Unknown a 32.01	TIC		47000	26000	
Unknown a 35.77 Unknown a 36.34	TIC TIC		17000	130000	
Unknown a 30.34 Unknown a 37.19	TIC	770		130000	
Unknown a 37.37	TIC				320
Unknown @ 38.46	TIC				360
Unknown @ 6.62	TIC	3800			4/00
Unknown a 6.67	TIC	700			1400 270
Unknown @ 7.42 Unknown @ 8.12	TIC	380 340			270
Unknown a 9.40	TIC	340			230
Unknown Alcohol 2 8.13	TIC				180
Unknown Hydrocarbon @ 26.66	TIC			38000	
Unknown Hydrocarbon @ 29.09	TIC			13000	360
Unknown Hydrocarbon a 30.22	TIC				410
Unknown Hydrocarbon a 30.26	TIC			21000	/50
Unknown Hydrocarbon a 31.36	TIC			17000	450 450
Unknown Hydrocarbon @ 32.39 Unknown Hydrocarbon @ 32.94	TIC TIC		290000		430
Unknown Hydrocarbon @ 32.94	TIC		420000		
Unknown Hydrocarbon @ 33.24	TIC		420000	26000	
Unknown Hydrocarbon @ 33.41	TIC	380		85000	
Unknown Hydrocarbon @ 33.42	TIC				1800
Unknown Hydrocarbon @ 33.57	TIC		420000		
Unknown Hydrocarbon @ 34.09	TIC		830000		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE MUMBER : SAMPLE DEPTH (ft. SAMPLE DATE ===:	====> =====> =====>	W01-09(F) DUP-1 29.5 07/01/88 DUP	W01-09(F) S1-MD-S1 1.0 07/01/88	W01-09(F) \$2-MD-\$1 13.0 07/01/88	W01-09(F) S4-MD-S1 29.5 07/01/88
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result	s in ug/Kg (pp	xb)] :============
Unknown Hydrocarbon @ 34.39	TIC	230		•	
Unknown Hydrocarbon a 34.41	TIC				1800
Unknown Hydrocarbon a 34.46	TIC			85000	
Unknown Hydrocarbon @ 35.36	TIC	380			
Unknown Hydrocarbon @ 35.37	TIC				1800
Unknown Hydrocarbon @ 35.42	TIC			43000	
Unknown Hydrocarbon @ 36.31	TIC				900
Unknown Hydrocarbon @ 37.06	TIC			85000	
Unknown Hydrocarbon @ 37.22	TIC			43000	
Unknown Hydrocarbon @ 37.24	TIC				900
Unknown Hydrocarbon @ 37.72	TIC			26000	
Unknown Hydrocarbon @ 38.11	TIC			26000	
Unknown Hydrocarbon @ 38.14	TIC				450
Unknown Hydrocarbon a 38.46	TIC			30000	

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : METALS MATRIX: SOIL

SAMPLE LOCATION ====>

Report Generated: 12/09/88

U01-09(F)

Results of Soil Sample Analyses Site 1, Phase 1

W01-09(F)

W01-09(F)

M01-09(F)

	====>	DUP-1 29.5 07/01/88 DUP	S1-MD-S1 1.0 07/01/88	S2-MD-S1 13.0 07/01/88	84-MD-S1 29.5 07/01/88
COMPOUND NAME	Quantitation Limits	Concentrati	ion [All result		om)]
Aluminum	40	15200	19300	18800	19800
Antimony	12	J 11.8	13.2	16.2	16.2
Arsenic	2	ND<6.3	3.6	ND<7.3	ND<16.7
Barium	40	134	204	218	177
Beryllium	1	J 0.66	J 0.85	J 0.92	J 0.99
Cadmium	1	ND<0.90	ND<1.1	ND	ND<1.2
Calcium	1000	40500	41900	79000	77100
Chromium	2	49.8	62.8	65.1	60.7
Cobalt	10	13.1	18.5	15.2	16.5
Copper	5	44.8	129	72.8	52.7
Iron	20	21300	30900	25700	27000
Lead	1	10.5	120	64.4	9.1
Magnes i um	1000	13300	13900	13400	17100
Manganese	3	282	527	604	413
Mercury	.04	0.2	0.3	6.0	0.4
Nickel	8	56.1	68.4	63.8	66.3
Potassium	1000	1730	1340	J 991	2210
Selenium	1	ND<0.54	ND<0.68	ND<0.63	ND<0.72
Silver	2	ND<0.54	ND<0.68	11.5	ND<0.72
Sodium	1000	5840	1240	1030	5540
Thallium	2	J 0.68	J 0.92	J 0.79	J 1.4
Vanadium	10	58.5	71.4	66.4	72.4
Zinc	4	52.2	162	225	71.2

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: SOIL

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	:==>	W01-09(F) DUP-1 29.5 07/01/88 DUP	W01-09(F) \$1-MD-\$1 1.0 07/01/88	W01-09(F) \$2-MD-\$1 13.0 07/01/88	W01-09(F) S4-MD-S1 29.5 07/01/88
	********	=======================================	######################################		=======================================
COMPOUND NAME	uantitation Limits	Concentratio	on ==========	=======================================	=========
рH	.1	8.2	6.8	7.8	8.3

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

0.00.00	====>	W01-09(F) DUP-1 29.5 07/01/88 DUP	W01-09(F) S1-MD-S1 1.0 07/01/88	W01-09(F) \$2-MD-\$1 13.0 07/01/88	W01-09(F) S4-MD-S1 29.5 07/01/88	
	**********	*********	_ ==========		= ==========	
COMPOUND NAME	Quantitation Limits	Concentrat	ion [All resul	ts in ug/Kg (p	pb)] = ========	
AROCLOR-1016	80	ND<92	ND<100	ND<87	ND<110	
AROCLOR-1221	80	ND<92	ND<100	ND<87	ND<110	
AROCLOR - 1232	80	ND<92	ND<100	ND<87	ND<110	
AROCLOR - 1242	80	ND<92	220	ND<87	ND<110	
AROCLOR-1248	80	ND<92	ND<100	ND<87	ND<110	
AROCLOR - 1254	160	ND<180	J 150	ND<170	ND<210	
AROCLOR - 1260	160	ND<180	ND<200	180	ND<210	

NA - Not Analyzed.

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Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER	ZZZZZ>	W01-09(F) DUP-1	W01-09(F) S1-MD-S1	W01-09(F) \$2-MD-\$1	W01-09(F) S4-MD-S1
SAMPLE DEPTH (f	t.) ==>	29.5	1.0	13.0	29.5
V	******	07/01/88	07/01/88	07/01/88	0 7/01/88
SAMPLE TYPE ==	#2##=>	DUP			
	******		=========	* -=========	
0045041110 14445	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All result	ts in ug/kg (p _i	ob)]
	*********	***********	=======================================		
1,1,1-Trichloroethane	5	ND<6	ND<31	#Ð<11 [°]	ND<7
1,1,2,2-Tetrachloroethane	5	ND<6	ND<31	ND<11	ND<7
1,1,2-Trichloroethane	5	ND<6	ND<31	ND<11	ND<7
1,1-Dichloroethane	5	ND<6	ND<31	ND<11	ND<7
1,1-Dichloroethene	5	ND<6	ND<31	ND<11	ND<7
1,2-Dichloroethane	5	ND<6	ND<31	ND<11	ND<7
1,2-Dichloropropane	5	ND<6	ND<31	ND<11	ND<7
2-Butanone	10	ND<11	ND<63	87	27
2-Hexanone	10	ND<11	ND<63	ND<21	ND<14
4-Methyl-2-pentanone	10	ND<11	ND<63	ND<21	ND<14
Acetone	10	B 26	B 760	в 300	в 99
Benzene	5	ND<6	ND<31	ND<11	ND<7
Bromodichloromethane	5	ND<6	ND<31	ND<11	ND<7
Bromoform	5	ND<6	ND<31	ND<11	ND<7
Bromomethane	10	ND<11	ND<63	ND<21	ND<14
Carbon disulfide	5	ND <6	ND<31	ND<11	7
Carbon tetrachloride	5 5	ND<6	ND<31	ND<11	ND<7
Chlorobenzene	5	ND<6	ND<31	18	ND<7
Chloroethane	10	ND<11	ND<63	ND<21	ND<14
Chloroform	5	ND<6	ND<31	ND<11	ND<7
Chloromethane	10	ND<11	ND<63	ND<21	ND<14
Dibromochloromethane	5	ND<6	ND<31	ND<11	ND<7
Ethyl benzene	5	ND<6	14	38	ND<7
Methylene chloride	5	B 11	B 73	в 26	B 13
Styrene	5	ND<6	ND<31	ND<11	ND<7
Tetrachloroethene	5	ND<6	ND<31	ND<11	ND<7

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	**==>	W01-09(F) DUP-1 29.5 07/01/88 DUP	W01-09(F) S1-MO-S1 1.0 07/01/88	W01-09(F) S2-MD-S1 13.0 07/01/88	W01-09(F) S4-MD-S1 29.5 07/01/88
		===========	= ===========	= =========	= ==========
COMPOUND NAME	Quantitation Limits	Concentrat	ion (All resul	ts in ug/Kg (p	pb)] = ========
Toluene	5	ND<6	ND<31	J 3	8
Total xylenes	5	ND<6	48	110	ND<7
Trichloroethene	5	ND<6	ND<31	ND<11	ND<7
Vinyl acetate	10	ND<11	ND<63	ND<21	ND<14
Vinyl chloride	10	ND<11	ND<63	ND<21	ND<14
cis-1,3-Dichloropropene	5	ND<6	ND<31	ND<11	ND<7
trans-1,2-Dichloroethene	5	ND<6	ND<31	ND<11	ND<7
trans-1,3-Dichloropropene	5	ND<6	ND<31	ND<11	ND<7
========= TIC ===============					
2,4-Dimethyl-3-pentanone	TIC			64	
3-Carene	TIC			19	
Acetaldehyde	TIC		38		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER SAMPLE DEPTH (f SAMPLE DATE == SAMPLE TYPE ==	#2222>	W01-10(F) W1-10F-MD1 1.0 07/07/88	W01-10(F) W1-10F-MD2 7.0 07/07/88	W01-10(F) W1-10F-MD3 15.0 07/07/88	W01-10(F) W25-5A-MD3 15.0 07/07/88 DUP
	Quantitation				
COMPOUND NAME	Limits	Concentration	on [All result:	s in ug/Kg (pp	b)] =========
				·	
1,2 Dichlorobenzene	330	ND<4800	ND<430	ND<500	ND<530
1,2,4-Trichlorobenzene	330	ND<4800	ND<430	ND<500	ND<530
1,3 Dichlorobenzene	330	ND<4800	ND<430	ND<500	ND<530
1,4 Dichlorobenzene	330	ND<4800	ND<430	ND<500	ND<530
2 Chlorophenol	330	ND<4800	ND<430	ND<500	ND<530
2 Methylphenol	330	ND<4800	ND<430	ND<500	ND<530
2 nitrophenol	330	ND<4800	ND<430	ND<500	ND<530
2,4 Dimethylphenol	330	ND<4800	ND<430	ND<500	ND<530
2,4,5-Trichlorophenol	1600	ND<23000	ND<2100	ND<2400	ND<2600
2,4,6-Trichlorophenol	330	ND<4800	ND<430	ND<500	ND<530
2,4-Dichlorophenol	330	ND<4800	ND<430	ND<500	ND<530
2,4-Dinitrophenol	1600	ND<23000	ND<2100	ND<2400	ND<2600
2,4-Dinitrotoluene	330	ND<4800	ND<430	ND<500	ND<530
2,6-Dinitrotoluene	330	ND<4800	ND<430	ND<500	ND<530
2-Chloronaphthalene	330	ND<4800	ND<430	ND<500	ND<530
2-Methylnaphthalene	330	ND<4800	ND<430	ND<500	ND<530
2-Nitroaniline	1600	ND<23000	ND<2100	ND<2400	ND<2600
3,3 Dichlorobenzidine	660	ND<9600	ND<860	ND<1000	ND<1100
3-Nitroaniline	1600	ND<23000	ND<2100	ND<2400	ND<2600
4,6-Dinitro-2-methylphenol	1600	ND<23000	ND<2100	ND<2400	ND<2600
4-Bromophenyl phenyl ether	330	ND<4800	ND<430	ND<500	ND<530
4-Chloro-3-methylphenol	330	ND<4800	ND<430	ND<500	ND<530
4-Chloroaniline	330	ND<4800	ND<430	ND<500	ND<530
4-Chlorophenyl phenyl ether	330	ND<4800	ND<430	ND<500	ND<530
4-Methylphenol	330	670	J 61	ND<500	ND<530

NA - Not Analyzed.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE TYPE =	ft.) ==> xxxx==> xxxx==> quantitation	W01-10(F) W1-10F-M01 1.0 07/07/88	W01-10(F) W1-10F-MD2 7.0 07/07/88	W01-10(F) W1-10F-M03 15.0 07/07/88	W01-10(F) W25-5A-MD3 15.0 07/07/88 DUP
COMPOUND NAME	Limits ====================================	Concentrati	on [All result	s in ug/Kg (pp	b)] :
4-Nitroaniline 4-Nitrophenol Acenaphthene Acenaphthylene Anthracene Benzo(a)anthracene Benzo(a)fluoranthene Benzo(g,h,i)perylene Benzo(k)fluoranthene Benzoic acid Benzyl Alcohol Bis(2-Chloroethoxy)methane Bis(2-Chloroethyl)ether Bis(2-Chloroisopropyl)ether Bis(2-Ethylhexyl)phthalate Butyl benzyl phthalate Chrysene Di-n-butylphthalate Di-n-octyl phthalate Dibenz(a,h)anthracene Dibenzofuran	1600 1600 330 330 330 330 330 330 330 330 330	ND < 23000 ND < 23000 ND < 4800 ND < 4800	ND <2100 ND <2100 ND <430	ND < 2400 ND < 2400 ND < 500	ND <2600 ND <2600 ND <2600 ND <530
Diethylphthalate Dimethyl phthalate Fluoranthene Fluorene	330 330 330 330	ND <4800 ND <4800 ND <4800 ND <4800	ND<430 ND<430 ND<430 ND<430	ND<500 ND<500 ND<500 ND<500	ND < 530 ND < 530 ND < 530 ND < 530

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCÂTION SAMPLE NUMBER	****	W01-10(F) W1-10F-MD1	W01-10(F) W1-10F-MD2	W01-10(F) W1-10F-M03	W01-10(F) W25-5A-MD3
SAMPLE DEPTH (1.0	7.0	15.0	15.0
	EREEEZ2>	07/07/88	07/07/88	07/07/88	0 7/07/88
	=====>				DUP
=======================================	*********	=======================================	=======================================	**********	=======================================
	Quantitation	_			
COMPOUND NAME	Limits		on [All result		
=======================================	=======================================	**********	==========	=========	
Hexachiorobenzene	330	ND<4800	ND<430	ND<500	ND<530
Hexachlorobutadiene	330	ND<4800	ND<430	ND<500	ND<530
Hexachlorocyclopentadiene	330	ND<4800	ND<430	ND<500	ND<530
Hexachloroethane	330	ND<4800	ND<430	ND<500	ND<530
Indeno(1,2,3-c,d)pyrene	330	ND<4800	ND<430	ND<500	ND<530
Isophorone	330	ND<4800	ND<430	ND<500	ND <530
N-nitroso-dipropylamine	330	ND<4800	ND<430	ND<500	ND <530
N-nitrosodiphenylamine	330	ND<4800	ND<430	ND<500	ND<530
Naphthalene	330	ND<4800	J 50	ND<500	ND<530
Nitrobenzene	330	ND<4800	ND<430	ND<500	ND<530
Pentachlorophenol	1600	ND<23000	ND<2100	ND<2400	ND<2600
Phenanthrene	330	ND<4800	ND<430	ND<500	ND<530
Phenol	330	ND<4800	ND<430	ND<500	ND<530
Pyrene	330	ND<4800	ND<430	ND<500	ND<530
========= TIC =========					
2-Methyl-Nonane	TIC		870		
5,5-Dimethyl-2(5H)-Furanone	TIC			В 500	
Cholesterol	TIC			1500	
Cholesterol Isomer	TIC			250	
Hexadecanoic Acid	TIC		430		
Ketone Isomer	TIC				540
Molecular Sulfur(S8)	TIC			10000	
Unknown a 25.59	TIC			200	
Unknown a 35.44	TIC	4900			
Unknown a 35.81	TIC	4900			
Unknown a 35.96	TIC	4400			
Unknown a 36.44	TIC	3400			
NA - Not Analyzed.					

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

	====>	Concentration	W01-10(F) W1-10F-MD2 7.0 07/07/88 	w1- 15. 07/ ====	07/88 ======= ug/Kg (ppl	
Unknown @ 36.77	TIC	4900				
Unknown @ 36.94	TIC	.,,,,	870			
Unknown @ 37.11	TIC	4900	0.0			
Unknown @ 37.57	TIC	4900				
Unknown a 38.01	TIC	4900				
Unknown a 38.19	TIC	4400				
Unknown @ 38.54	TIC	9800				
Unknown a 38.72	TIC	4400				
Unknown @ 39.02	TIC	4400				
Unknown @ 39.42	TIC	4900				
Unknown a 39.59	TIC	3400				
Unknown a 39.64	TIC				350	
Unknown a 40.59	TIC	4900				
Unknown a 41.79	TIC				200	
Unknown a 8.74	TIC			В	1000	
Unknown a 8.79	TIC					1100
Unknown Hydrocarbon @ 33.54	TIC		4300			
Unknown Hydrocarbon @ 35.62	TIC		8700			
Unknown Hydrocarbon a 23.49	TIC				2000	
Unknown Hydrocarbon a 23.50	TIC		350			
Unknown Hydrocarbon a 23.59	TIC		300			
Unknown Hydrocarbon a 24.15	TIC				2500	
Unknown Hydrocarbon a 24.95	TIC		300			
Unknown Hydrocarbon a 25.09	TIC		260			
Unknown Hydrocarbon a 26.32	TIC		260			
Unknown Hydrocarbon @ 27.64	TIC		260			

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER SAMPLE DEPTH (f SAMPLE DATE == SAMPLE TYPE ==	ex===> t.) ==> =====>	W01-10(F) W1-10F-MD1 1.0 07/07/88	W01-10(F) W1-10F-MD2 7.0 07/07/88	W01-10(F) W1-10F-M03 15.0 07/07/88	W01-10(F) W25-5A-MD3 15.0 07/07/88 DUP
***************************************	Quantitation	***********	========		
COMPOUND NAME	Limits	Concentration	on (All result	s in ug/Kg (pp	b)]
	*********	=======================================	=======================================	==========	
Unknown Hydrocarbon @ 31.32	TIC		8700		
Unknown Hydrocarbon a 32.64	TIC		8700		
			4300		
Unknown Hydrocarbon a 34.61	TIC		4300	250	
Unknown Hydrocarbon a 35.54	TIC	/000		250	
Unknown Hydrocarbon a 36.59	TIC	4900	0700		
Unknown Hydrocarbon a 36.62	TIC	4000	8700		
Unknown Hydrocarbon a 37.26	TIC	4900	.=		
Unknown Hydrocarbon @ 37.59	TIC		4300		
Unknown Hydrocarbon @ 38.56	TIC		3500		
Unknown Hydrocarbon @ 38.92	TIC		1300		
Unknown Hydrocarbon @ 39.22	TIC			250	
Unknown Hydrocarbon @ 39.54	TIC		2200		
Unknown Hydrocarbon a 40.17	TIC	3400			
Unknown Hydrocarbon @ 40.37	TIC	3900			
Unknown Hydrocarbon @ 40.71	TIC		1300		
Unknown Hydrocarbon @ 41.96	TIC			500	
Unknown Hydrocarbon a36.11	TIC	4400			

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.
- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER SAMPLE DEPTH (f SAMPLE DATE == SAMPLE TYPE ==	***==> t.) ==> ****	W01-10(F) W1-10F-MD1 1.0 07/07/88	W1-10F-MD2 7.0 07/07/88	W01-10(F) W1-10F-M03 15.0 07/07/88	W25-5A-MD3 15.0 07/07/88 DUP
	Quantitation				
COMPOUND NAME	Limits	concentratio		s in mg/Kg (pp =======	m)] =========
Aluminum	40	24200	16500	32100	26300
Antimony	12	17.3	13.0	25.6	17.6
Arsenic	ž	ND<13.1	ND<12.6	ND<17.1	ND<14.5
Barium	40	206	159	370	166
Beryllium	i	ND<0.11	ND<0.11	ND<0.15	ND<0.12
Cadmium	i	ND<0.94	ND<0.90	ND<1.2	ND
Calcium	1000	57300	55800	11800	20900
Chromium	2	70.0	56.1	82.6	76.2
Cobalt	10	17.6	10.6	24.2	17.8
Copper	5	257	32.2	33.3	31.2
Iron	20	30100	20700	45500	30500
Lead	1	36.8	50.7	13.4	15.6
Magnesium	1000	15800	13400	18600	15200
Manganese	3	521	424	537	442
Mercury	.04	0.3	0.7	0.3	0.3
Nickel	8	65.7	43.9	95.8	70.9
Potassium	1000	2290	J 927	4380	4750
Selenium	1	ND<0.56	ND<0.54	ND<0.73	ND<0.62
Silver	2	J 1.1	ND<0.54	ND<0.73	ND<0.62
Sodium	1000	1050	1040	7370	7220
Thallium	2	J 0.79	J 0.56	J 0.68	J 0.54
Vanadium	10	79.1	46.6	91.2	83.1
Zinc	4	210	393	86.2	63.1

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.
Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE NUMBER =====> SAMPLE DEPTH (ft.) ==> SAMPLE DATE ========> SAMPLE TYPE =======>	W01-10(F) W1-10F-MD1 1.0 07/07/88	W01-10(F) W1-10F-MD2 7.0 07/07/88	W01-10(F) W1-10F-MD3 15.0 07/07/88	W01-10(F) W25-5A-MD3 15.0 07/07/88 DUP
		===========		
COMPOUND NAME Limits	Concentration	on =========	=======================================	
рн .1	8.4	8.2	8.3	8.6

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

0.022 02	**===>	W01-10(F) W1-10F-MD1 1.0 07/07/88	W01-10(F) W1-10F-MD2 7.0 07/07/88	W01-10(F) W1-10F-MD3 15.0 07/07/88	W01-10(F) W25-5A-MD3 15.0 07/07/88 DUP
	*******	=========		: =========	
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result	s in ug/Kg (pp	b)]
AROCLOR-1016	80	ND<3500	ND<100	ND<120	ND<100
AROCLOR-1221	80	ND<3500	ND<100	ND<120	ND<100
AROCLOR-1232	80	ND<3500	ND<100	ND<120	ND<100
AROCLOR-1242	80	ND<3500	ND<100	ND<120	ND<100
AROCLOR-1248	80	ND<3500	ND<100	ND<120	ND<100
AROCLOR - 1254	160	ND<7000	ND<210	ND<240	ND<210
AROCI OR - 1260	160	18000	230	ND<240	ND<210

NA - Not Analyzed.

ID - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

OWN LL DATE	====>		W01-10(F) W1-10F-MD2 7.0 07/07/88 		
1,1,1-Trichloroethane	5	ND	ND<13	ND<8	ND<6
1,1,2,2-Tetrachloroethane	5	ND	ND<13	ND<8	ND<6
1,1,2-Trichloroethane	5	ND	ND<13	ND<8	ND<6
1,1-Dichloroethane	5	ND	ND<13	ND<8	ND<6
1,1-Dichloroethene	5	ND	ND<13	ND<8	ND<6
1.2-Dichloroethane	5	ND	ND<13	ND<8	ND<6
1,2-Dichloropropane	5	ND	ND<13	ND<8	ND<6
2-Butanone	10	ND<11	ND<26	80	ND<13
2-Hexanone	10	ND<11	ND<26	ND<15	ND<13
4-Methyl-2-pentanone	10	ND<11	ND<26	ND<15	ND<13
Acetone	10	В 130	B 290	B 430	B 76
Benzene	5	ND	ND<13	ND<8	ND<6
Bromodichloromethane	5 5	ND	ND<13	ND<8	ND<6
Bromoform	5	ND	ND<13	ND<8	ND<6
Bromomethane	10	ND<11	ND<26	ND<15	ND<13
Carbon disulfide	5	ND	5	J 4	10
Carbon tetrachloride	5 5 5	NĐ	ND<13	ND<8	ND<6
Chlorobenzene	5	ND	ND<13	ND<8	ND<6
Chloroethane	10	ND<11	ND<26	ND<15	ND<13
Chloroform	5	ND	ND<13	ND<8	ND<6
Chloromethane	10	ND<11	ND<26	ND<15	ND<13
Dibromochloromethane	5	ND	ND<13	ND<8	ND<6
Ethyl benzene	5 5	55	68	ND<8	ND<6
Methylene chloride	5	B 12	B 28	в 28	B 16
Styrene	5	ND	ND<13	ND<8	ND <6
Tetrachloroethene	5	7	ND<13	ND<8	ND<6

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL: VOA MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

5.41.22 52	====>	W01-10(F) W1-10F-M01 1.0 07/07/88	W01-10(F) W1-10F-MD2 7.0 07/07/88	W01-10(F) W1-10F-MD3 15.0 07/07/88	W01-10(F) W25-5A-MD3 15.0 07/07/88 DUP
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result	s in ug/Kg (pp	b)]
Toluene Total xylenes Trichloroethene Vinyl acetate Vinyl chloride cis-1,3-Dichloroethene trans-1,2-Dichloroethene ===================================	5 5 10 10 5 5 5	89 220 J 3 ND<11 ND<11 ND J 1	42 110 ND<13 ND<26 ND<26 ND<13 ND<13 ND<13	J 2 ND<8 ND<8 ND<15 ND<15 ND<8 ND<8	ND <6 ND <6 ND <13 ND <13 ND <13 ND <6 ND <6 ND <6
3-Carene	TIC		16		

NA - Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

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B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

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Report Generated: 12/09/88

PANEL : BNA MATRIX: SOIL

Results of Soil Sample Analyses Site 1, Phase 1

	=========	=============	===========	=======================================
SAMPLE TYPE ======>				
SAMPLE DATE ======>	07/11/88	07/11/88	07/11/88	07/11/88
SAMPLE DEPTH (ft.) ==>	1.0	3.0	5.0	27.0
SAMPLE NUMBER ***=>	W1-11F-MD1	W1-11F-MD2	W1-11F-MD3	W1-11F-MD4
SAMPLE LOCATION =====>	W01-11(F)	W01-11(F)	W01-11(F)	W01-11(F)

=======================================	**********	==========		==========	=======================================
	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All results	s in ug/Kg (ppl	o)]
	========	===========		*********	=======================================
1,2 Dichlorobenzene	330	ND<1700	ND<2000	ND<370	ND<410
1,2,4-Trichlorobenzene	330	ND<1700	ND<2000	ND<370	ND<410
1,3 Dichlorobenzene	330	ND<1700	ND<2000	ND<370	ND<410
1,4 Dichlorobenzene	330	ND<1700	ND<2000	ND<370	ND<410
2 Chlorophenol	330	ND<1700	ND<2000	ND<370	ND<410
2 Methylphenol	330	ND<1700	ND<2000	ND<370	ND<410
2 nitrophenol	330	ND<1700	ND<2000	ND<370	ND<410
2,4 Dimethylphenol	330	ND<1700	ND<2000	ND<370	ND<410
2,4,5-Trichlorophenol	1600	ND<8400	ND<9600	ND<1800	ND<2000
2,4,6-Trichlorophenol	330	ND<1700	ND<2000	ND<370	ND<410
2,4-Dichlorophenol	330	ND<1700	ND<2000	ND<370	ND<410
2,4-Dinitrophenol	1600	ND<8400	ND<9600	ND<1800	ND<2000
2,4-Dinitrotoluene	330	ND<1700	ND<2000	ND<370	ND<410
2,6-Dinitrotoluene	330	ND<1700	ND<2000	ND<370	ND<410
2-Chloronaphthalene	330	ND<1700	ND<2000	ND<370	ND<410
2-Methylnaphthalene	330	ND<1700	ND<2000	ND<370	ND<410
2-Nitroaniline	1600	ND <8400	ND<9600	ND<1800	ND<2000
3,3 Dichlorobenzidine	660	ND<3500	ND<4000	ND<730	ND<820
3-Nitroaniline	1600	ND<8400	ND<9600	ND<1800	ND<2000
4,6-Dinitro-2-methylphenol	1600	ND<8400	ND<9600	ND<1800	ND<2000
4-Bromophenyl phenyl ether	330	ND<1700	ND<2000	ND<370	ND<410
4-Chloro-3-methylphenol	330	ND<1700	ND<2000	ND<370	ND<410
4-Chloroaniline	330	ND<1700	ND<2000	ND<370	ND<410
4-Chlorophenyl phenyl ether	330	ND<1700	ND < 2000	ND<370	ND<410
4-Methylphenol	330	4300	ND<2000	ND<370	ND<410

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

SAMPLE LOCATION ====>

Report Generated: 12/09/88

U01-11/E)

Results of Soil Sample Analyses Site 1, Phase 1

* W01-11(F)

H01-11(F)

U01-11/F1

SAMPLE LUCATIO		WUI-11(F)	WU1-11(F)	WU1-11(F)	WU1-11(F)
SAMPLE NUMBER	####>	W1-11F-MD1	W1-11F-MD2	W1-11F-MD3	W1-11F-MD4
SAMPLE DEPTH (ft.) ==>	1.0	3.0	5.0	27.0
0,011,00	=====>	07/11/88	0 7/11/88	07/11/88	07/11/88
SAMPLE TYPE =:	=====>				
**********	222222222	=======================================	=========	=========	=======================================
	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All result	s in ug/Kg (pp	b)]
	*********	=========	==========	==========	=========
4-Nitroaniline	1600	ND<8400	ND < 9600	ND<1800	ND<2000
4-Nitrophenol	1600	ND<8900	ND < 9600	ND<1800	ND<2000
Acenaphthene	330	ND<1700	ND<2000	ND<370	ND<410
Acenaphthylene	330	ND<1700	ND<2000	ND<370	ND<410
Anthracene	330	ND<1700	ND<2000	ND<370	ND<410
Benzo(a)anthracene	330	ND<1700	ND<2000	ND<370	ND<410
Benzo(a)pyrene	330	ND<1700	ND<2000	ND<370	ND<410
Benzo(b)fluoranthene	330	ND<1700	ND<2000	ND<370	ND<410
Benzo(g,h,i)perylene	330	ND<1700	ND<2000	ND<370	ND<410
Benzo(k)fluoranthene	330	ND<1700	ND<2000	ND<370	ND<410
Benzoic acid	1600	ND<8400	ND<9600	ND<1800	ND<2000
Benzyl Alcohol	330	ND<1700	ND<2000	ND<370	ND<410
Bis(2-Chloroethoxy)methane	330	ND<1700	ND<2000	ND<370	ND<410
Bis(2-Chloroethyl)ether	330	ND<1700	ND<2000	ND<370	ND<410
Bis(2-Chloroisopropyl)ether	330	ND<1700	ND<2000	ND<370	ND<410
Bis(2-Ethylhexyl)phthalate	330	27000	ND<2000	J 120	ND<410
Butyl benzyl phthalate	330	980	ND<2000	ND<370	ND<410
Chrysene	330	ND<1700	ND<2000	ND<370	ND<410
Di-n-butylphthalate	330	740	ND<2000	ND<370	ND<410
Di-n-octyl phthalate	330	9700	ND<2000	ND<370	ND<410
Dibenz(a,h)anthracene	330	ND<1700	ND<2000	ND<370	ND<410
Dibenzofuran	330	ND<1700	ND<2000	ND<370	ND<410
Diethylphthalate	330	ND<1700	ND<2000	ND<370	ND<410
Dimethyl phthalate	330	ND<1700	ND<2000	ND<370	ND<410
Fluoranthene	330	ND<1700	ND<2000	ND<370	ND<410
Fluorene	330	ND<1700	ND<2000	ND<370	ND<410

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

SAMPLE LOCATION ====>

Report Generated: 12/09/88

M01-11/F1

Results of Soil Sample Analyses Site 1, Phase 1

₩01-11(F)

U01-11(F)

U01-11/F)

SAMPLE LUGATION	/	WU1-11(F)	WU1-11(F)	WU(-11(F)	WUI-11(F)
SAMPLE NUMBER	Z2Z==>	W1-11F-MD1	W1-11F-MD2	W1-11F-MD3	W1-11F-MD4
SAMPLE DEPTH (f	t.) ==>	1.0	3.0	5.0	27.0
SAMPLE DATE ==	=====>	07/11/88	07/11/88	07/11/88	07/11/88
SAMPLE TYPE ==	=====>			, ,	
=======================================	=======================================	=========			
	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All result	s in ug/Kg (pp	b)]

Hexach Lorobenzene	330	ND<1700	ND<2000	ND<370	ND<410
Hexach Lorobutadiene	330	ND<1700	ND<2000	ND<370	ND<410
Hexachlorocyclopentadiene	330	ND<1700	ND<2000	ND<370	ND<410
Hexach Loroethane	330	ND<1700	ND<2000	ND<370	ND<410
Indeno(1,2,3-c,d)pyrene	330	ND<1700	ND<2000	ND<370	ND<410
Isophorone	330	ND<1700	ND<2000	ND<370	ND<410
N-nitroso-dipropylamine	330	ND<1700	ND<2000	ND<370	ND<410
N-nitrosodiphenylamine	330	ND<1700	ND<2000	ND<370	ND<410
Naphthalene	330	360	ND<2000	ND<370	ND<410
Nitrobenzene	330	ND<1700	ND<2000	ND<370	ND<410
Pentachlorophenol	1600	ND<8400	ND<9600	ND<1800	ND<2000
Phenanthrene	330	ND<1700	ND<2000	ND<370	ND<410
Phenol	330	2500	ND<2000	ND<370	ND<410
Pyrene	330	J 190	ND<2000	ND<370	ND<410
======================================					
1-Naphthalenepropanol, Alpha	TIC	16000			
5,5-Dimethyl-2(5H)-Furanone	TIC			74 0	
Branched Hydrocarbon @ 4.22	TIC		в 2000		
Branched Hydrocarbon @ 4.27	TIC				в 2500
Cyclohexane,Pentyl-	TIC		800		
Decahydronaphthalene Isomer	TIC		1400		
Ethane, 1, 1, 2, 2-Tetrachloro-Un	TIC			190	
Hexadecanoic Acid	TIC	11000		150	
Hexanoic Acid (Dot)	TIC	88000			
Molecular Sulfur (S8)	TIC	5300			
Naphthalene,Decahydro-2-Meth	TIC		1000		
Trimethyl Benzene Isomer	TIC		1600		
NA - Not Analyzed.			•		

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION	====>	W01-11(F)	W01	-11(F)	W01-11(F)	W01	·11(F)
SAMPLE NUMBER		W1-11F-MD1	W1-	11F-MD2	W1-11F-MD3	W1-1	11F-MD4
SAMPLE DEPTH (1	ft.) ==>	1.0	3.0		5.0	27.0)
SAMPLE DATE ==	******	07/11/88	07/	11/88	07/11/88	07/	11/88
SAMPLE TYPE ==	:=====>						
**********************	22221111111111	===========	====	=======	===========	====	
	Quantitation						
COMPOUND NAME	Limits	Concentrati	on [A	ll result	s in ug/Kg (pp	b)]	
*************	**********	=======================================	====	=======	=======================================	====	::222222
Unknown PNA @ 34.64	TIC				740 ·		
Unknown a 10.44	TIC	35000					
Unknown a 32.62	TIC				370		
Unknown a 32.99	TIC				740		
Unknown @ 33.11	TIC				740		
Unknown @ 33.37	TIC				740		
Unknown a 34.92	TIC				740		
Unknown a 5.42	TIC		В	1800			
Unknown a 5.48	TIC				1900	В	1600
Unknown a 5.82	TIC			800			
Unknown a 5.83	TIC	18000					
Unknown a 7.83	TIC	35000					
Unknown @ 8.82	TIC				150		
Unknown Amide @ 28.47	TIC				330		
Unknown Hydrocarbon a 10.02	TIC	11000					
Unknown Hydrocarbon a 11.37	TIC			800			
Unknown Hydrocarbon a 12.09	TIC			1800			
Unknown Hydrocarbon a 12.10	TIC	7000					
Unknown Hydrocarbon & 13.97	TIC	5300					
Unknown Hydrocarbon a 15.72	TIC	3500					
Unknown Hydrocarbon & 17.34	ŤĬĊ	1400					
Unknown Hydrocarbon a 25.52	TIC	, , , ,		4000			
Unknown Hydrocarbon a 26.69	ŤIČ			16000			
Unknown Hydrocarbon a 27.81	TIC	8800		.0000			
Unknown Hydrocarbon a 27.82	TIC	0000		20000			
Unknown Hydrocarbon a 28.87	TIC			2000	220		
UNKNOWN RYCHOCUTOCH OF 20.0/	110				دد٠		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

0,4 22 2,1.12	*****	W01-11(F) W1-11F-MD1 1.0 07/11/88	W01-11(F) W1-11F-MD2 3.0 07/11/88	W01-11(F) W1-11F-MD3 5.0 07/11/88	W01-11(F) W1-11F-MD4 27.0 07/11/88
	********	=======================================	=======================================	=======================================	==========
COMPOUND NAME	Quantitation Limits		on [All result:		
Unknown Hydrocarbon a 28.89	TIC	16000			
Unknown Hydrocarbon a 28.91	TIC	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	40000		
Unknown Hydrocarbon a 29.89	TIC			330	
Unknown Hydrocarbon @ 29.94	TIC		40000		
Unknown Hydrocarbon a 30.92	TIC	18000			
Unknown Hydrocarbon @ 31.81	TIC				250
Unknown Hydrocarbon @ 31.84	TIC			В 1900	
Unknown Hydrocarbon a 31.87	TIÇ	70000	40000		
Unknown Hydrocarbon @ 32.42	TIC		4000	1100	
Unknown Hydrocarbon & 32.44	TIC	F7000	6000		
Unknown Hydrocarbon a 32.79	TIC	53000	20000		410
Unknown Hydrocarbon a 33.64	71C 71C	53000	20000		410
Unknown Hydrocarbon @ 33.69 Unknown Hydrocarbon @ 33.72	TIC	22000	20000	7400	
Unknown Hydrocarbon @ 33.72	TIC	35000	10000	7400	
Unknown Hydrocarbon a 35.84	TIC	33000	10000		250
Unknown Hydrocarbon a 35.89	TIC			740	
Unknown Hydrocarbon 2 35.97	TIC			1500	
Unknown Hydrocarbonn a 10.00	TIC		6000		
hEXHexanoic Acid (Dot)	TIC	140000			

NA - Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

the specified detection limit but greater than zero. - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE NUMBER =====> SAMPLE DEPTH (ft.) ==> SAMPLE DATE =======>	W01-11(F) W01-11(F) W01-11(F) W1-11(F) W1-11F-MD1 W1-11F-MD2 W1-11F-MD3 W1-11F-MD4 1.0 3.0 5.0 27.0 07/11/88 07/11/88 07/11/88
SAMPLE TYPE ======>	
Quantitation	
COMPOUND NAME Limits	Concentration [All results in ug/Kg (ppb)]
======== TIC =========	•

TIC

B 2200

NA - Not Analyzed.

Branched Hydrocarbon @ 4.25

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION =====> SAMPLE MUMBER ====> SAMPLE DEPTH (ft.) ==> SAMPLE DATE =======> SAMPLE TYPE ======>>	W01-11(F)	W01-11(F)	W01-11(F)	W01-11(F)
	W1-11F-M01	W1-11F-MD2	W1-11F-MD3	W1-11F-MD4
	1.0	3.0	5.0	27.0
	07/11/88	07/11/88	07/11/88	07/11/88
O/MI EE 111 E				

SAMPLE TIPE ==	******				
************	****========	=========	* *========		
	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All result	s in mg/Kg (pp	m)]
	=======================================	=======================================			===========
Aluminum	40	25400	25000	21600	22500
Antimony	12	13.3	17.6	23.3	16.1
Arsenic	2	ND<12.8	ND<13.5	ND<12.9	ND<12.7
Barium	40	221	216	74.7	122
Beryllium	1	ND<0.11	ND<0.12	ND<0.11	ND<0.11
Cadmium	1	1,2	1.9	2.0	ND<0.91
Calcium	1000	37200	29300	28700	20100
Chromium	2	68.0	68.6	51.0	63.9
Cobalt	10	17.2	17.2	27.0	17.5
Copper	5	43.2	241	93.1	38.2
Iron	20	35400	30600	42200	32100
Lead	1	35.4	34.7	259	15.5
Magnes i um	1000	15700	13900	19100	15000
Manganese	3	531	495	518	398
Mercury	.04	0.2	0.2	0.4	0.9
Nickel	8	66.5	65.2	55.6	66.4
Potassium	1000	2650	2810	1010	4020
Selenium	1	ND<0.55	ND<0.58	ND<0.55	ND<0.54
Silver	2	3.4	J 1.4	4.2	J 0.63
Sodium	1000	1180	J 465	1010	11200
Thatlium	2	J 0.92	J 0.75	J 0.86	J 0.73
Vanadium	10	77.7	81.8	106	71.8
Zinc	4	553	313	240	78.3
	•				

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOGATION ==: SAMPLE NUMBER ==: SAMPLE DEPTH (ft.) SAMPLE DATE =====: SAMPLE TYPE ======:	EE=> EE=>	W01-11(F) W1-11F-MD1 1.0 07/11/88	W01-11(F) W1-11F-MD2 3.0 07/11/88	W01-11(F) W1-11F-MD3 5.0 07/11/88	W01-11(F) W1-11F-MD4 27.0 07/11/88
	EEEEZZZZZZZ	=======================================	=======================================	=======================================	=======================================
COMPOUND NAME	entitation Limits	Concentratio	on ====================================		2122222222
PHQ	.1	7.5	7.4	7.6	8.1

IA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	*===>	W01-11(F) W1-11F-MD1 1.0 07/11/88	W01-11(F) W1-11F-MD2 3.0 07/11/88	W01-11(F) W1-11F-MD3 5.0 07/11/88	W01-11(F) W1-11F-MD4 27.0 07/11/88
	**********	*****		============	
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result	s in ug/Kg (pp	b)]
AROCLOR-1016	80	ND<170	ND<96	ND<89	ND < 99
AROCLOR-1221	80	ND<170	ND<96	ND<89	ND<99
AROCLOR-1232	80	ND<170	ND<96	ND <89	ND < 99
AROCLOR-1242	80	540	ND<96	ND<89	ND<99
AROCLOR-1248	80	ND<170	ND<96	ND < 89	ND<99
AROCLOR-1254	160	ND<340	ND<190	ND<180	ND<200
AROCLOR - 1260	160	ND<340	ND<190	ND<180	ND<200

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

SAMPLE LOCATION ====>

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W01-11(F)

Results of Soil Sample Analyses Site 1, Phase 1

W01-11(F)

W01-11(F)

W01-11(F)

ND<6

J 1

ND < 6

ND <6

NAS MOFFETT FIELD

SAMPLE NUMBER	====>	W1-11F-MD1	W1-11F-MD2	W1-11F-MD3	W1-11F-MD4
SAMPLE DEPTH (f	t.) ==>	1.0	3.0	5.0	27.0
SAMPLE DATE ==	*****	07/11/88	07/11/88	07/11/88	07/11/88
SAMPLE TYPE ==	******				• .•
=======================================	222222222	############	. ==========	==========	==========
	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All result	s in ug/Kg (po	b)]
	**********	=======================================	. ==========	=======================================	
1,1,1-Trichloroethane	5	ND	ND<6	ND<6	ND<6
1,1,2,2-Tetrachloroethane	5	ND	ND<6	ND<6	ND<6
1,1,2-Trichloroethane	5 5	ND	ND<6	ND<6	ND<6
1,1-Dichloroethane	5	ND	ND<6	ND<6	ND<6
1,1-Dichloroethene	5	ND	ND<6	ND<6	ND<6
1,2-Dichloroethane		ND	ND<6	ND<6	ND<6
1,2-Dichloropropane	5 5	ND	ND<6	ND<6	ND<6
2-Butanone	10	ND<11	ND<12	ND<11	ND<12
2-Hexanone	10	ND<11	ND<12	ND<11	ND<12
4-Methyl-2-pentanone	10	ND<11	ND<12	J 3	ND<12
Acetone	10	B 14	B 16	B 120	B 49
Benzene	5	ND	ND<6	ND<6	ND<6
Bromodichloromethane	5	ND	ND<6	ND<6	ND<6
Bromoform	5	ND	ND<6	ND<6	ND<6
Bromomethane	10	ND<11	ND<12	ND<11	ND<12
Carbon disulfide	5	ND	ND<6	ND<6	ND<6
Carbon tetrachloride	5	ND	ND<6	ND<6	ND<6
Chlorobenzene	5	ND	ND<6	ND<6	ND<6
Chloroethane	10	ND<11	ND<12	ND<11	ND<12
Chloroform	5	ND	ND<6	ND<6	ND<6
Chloromethane	10	ND<11	ND<12	ND<11	ND<12
Dibromochloromethane	5	ND	ND<6	ND<6	ND<6
Ethyl benzene	5	ND	ND<6	ND<6	ND<6
Methylene chloride	5	в 8	B 12	B 11	B 9

ND

NA - Not Analyzed.

Tetrachloroethene

Styrene

- This compound was not detected at or above the Quantitation Limit.

5

5

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

ND<6

ND<6

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER SAMPLE DEPTH (* SAMPLE DATE ** SAMPLE TYPE **	====> ft.) ==> ==##===>	W01-11(F) W1-11F-M01 1.0 07/11/88	W01-11(F) W1-11F-MD2 3.0 07/11/88	W01-11(F) W1-11F-M03 5.0 07/11/88	W01-11(F) W1-11F-MD4 27.0 07/11/88
	Quantitation			. in ///// /pn	. ====================================
COMPOUND NAME	Limits ====================================	=========	on [All result	5 III ug/kg (pp	=======================================
Toluene	5	ND	J 1	J 3	ND<6
Total xylenes	5	ND	ND<6	20	ND<6
Trichloroethene	5	ND	ND<6	ND<6	ND<6
Vinyl acetate	10	ND<11	ND<12	ND<11	ND<12
Vinyl chloride	10	ND<11	ND<12	ND<11	ND<12
cis-1,3-Dichloropropene	5	ND	ND<6	ND<6	ND <6
trans-1,2-Dichloroethene	5 5	ND	ND<6	ND<6	ND<6
trans-1,3-Dichloropropene	5	ND	ND<6	ND<6	ND<6
======== TIC =========	•				
Alpha Pinene	TIC			78	
Beta Pinene	TIC			22	
Cineole	TIC			11	

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====>	W01-12(A)
SAMPLE NUMBER ====>	W1-12A-MD1
SAMPLE DEPTH (ft.) ==>	.5
SAMPLE DATE ======>	08/30/88
SAMPLE TYPE ======>	

Quantitation Concentration [All results in ug/Kg (ppb)] COMPOUND NAME Limits 330 ND < 630 1.2 Dichlorobenzene ND<630 330 1,2,4-Trichlorobenzene ND<630 330 1.3 Dichlorobenzene 1,4 Dichlorobenzene 330 ND<630 2 nitrophenol 330 ND<630 330 ND<630 2,4 Dimethylphenol 2,4,5-Trichlorophenol 1600 ND<3100 330 ND<630 2,4,6-Trichlorophenol 330 ND<630 2,4-Dichlorophenol 2.4-Dinitrophenol 1600 ND<3100 2.4-Dinitrotoluene 330 ND<630 2.6-Dinitrotoluene 330 ND<630 2-Chioronaphthalene 330 ND<630 2-Chlorophenol 330 ND < 630 2-Methylnaphthalene 330 ND <630 2-Methylphenol 330 ND<630 ND<3100 2-Nitroaniline 1600 ND<1300 3,3'-Dichlorobenzidine 660 3-Nitroaniline 1600 ND < 3100 4,6-Dinitro-2-methylphenol 1600 ND<3100 4-Bromophenyl phenyl ether 330 ND <630 4-Chloro-3-methylphenol 330 ND<630 330 ND<630 4-Chloroaniline 4-Chlorophenyl phenyl ether 330 ND<630 330 4-Methylphenol ND < 630

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than
- the specified detection limit but greater than zero.

 The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.
- Unknown @ 9.07 indicates the retention time for the unknown compound.

 No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.
- Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

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Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOGATION =====>	W01-12(A)
SAMPLE NUMBER ====>	W1-12A-MD1
SAMPLE DEPTH (ft.) ==>	.5
SAMPLE DATE ******	08/30/88
CAMPLE TYPE	

SAMPLE TYPE =======> ========= Quantitation COMPOUND NAME Limits Concentration [All results in ug/Kg (ppb)] _____ 1600 ND<3100 4-Nitroaniline 4-Nitrophenol 1600 ND<3100 Acenaphthene 330 ND<630 330 ND<630 Acenaphthylene 330 ND<630 Anthracene Benzo(a)anthracene 330 ND<630 330 ND<630 Benzo(a)pyrene 330 ND<630 Benzo(b)fluoranthene 330 ND < 630 Benzo(g,h,i)perylene Benzo(k)fluoranthene 330 ND<630 1600 ND<3100 Benzoic acid Benzyl Alcohol 330 ND<630 330 ND<630 Bis(2-Chloroethoxy)methane 330 ND<630 Bis(2-Chloroethyl)ether 330 ND<630 Bis(2-Chloroisopropyl)ether 370 Bis(2-Ethylhexyl)phthalate 330 Butyl benzyl phthalate 330 ND<630 330 ND<630 Chrysene 330 ND<630 Di-n-butylphthalate Di-n-octyl phthalate 330 ND<630 Dibenz(a,h)anthracene 330 ND<630 Dibenzofuran 330 ND<630 Diethylphthalate 330 ND<630 Dimethyl phthalate 330 ND<630 fluoranthene 330 ND<630

NA - Not Analyzed.

Fluorene

ND - This compound was not detected at or above the Quantitation Limit.

330

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

ND<630

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====>	W01-12(A)
SAMPLE NUMBER ====>	W1-12A-MD1
SAMPLE DEPTH (ft.) ==>	.5
SAMPLE DATE =====>	08/30/88
SAMPLE TYPE =====>	

	Quantitation		
COMPOUND NAME	Limits	Concentration [All results in ug/Kg (ppb)]	
Hexach l orobenzene	330	ND<630	
Hexachlorobutadiene	330	ND <630	
Hexachlorocyclopentadiene	330	ND<630	
Hexachloroethane	330	ND <630	
Indeno(1,2,3-c,d)pyrene	330	ND<630	
Isophorone	330	ND<630	
N-nitroso-dipropylamine	330	ND <630	
N-nitrosodiphenylamine	330	ND<630	
Naphthalene	330	ND<630	
Nitrobenzene	330	ND<630	
Pentachlorophenol	1600	ND<3100	
Phenanthrene	330	ND <630	
Phenol	330	ND<630	
Pyrene	330	ND <630	
======== TIC ========	330	NO -030	
Molecular Sulfur (S8)	TIC	640	
Unknown a 5.42	TIC	260	
UNKNOWN B J.46	110	200	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-12(A)
SAMPLE NUMBER ====> W1-12A-MD1
SAMPLE DATE =======> 08/30/88
SAMPLE TYPE ======>

SAMPLE TIPE -----

	Quantitation	************
COMPOUND NAME	Limits	Concentration [All results in mg/Kg (ppm)]
=======================================	**********	=======================================
Aluminum	40	27800
Antimony	12	71.6
Arsenic	2	ND<23.6
Barium	40	74.6
Beryllium	1	5
Cadmium	1	ND<1.6
Calcium	1000	3410
Chromium	2	90.9
Cobalt	10	12.9
Copper	5	137
Iron	20	39100
Lead	1	17.2
Magnes i um	1000	14900
Manganese	3	271
Mercury	.04	.9
Nickel	8	86.2
Potassium	1000	5210
Selenium	1	ND<1.01
Silver	2	ND<.97
Sodium	1000	11100
Thallium	2	ND<.68
Vanadium	10	75.9
Zinc	4	134

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : MISC MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-12(A) W1-12A-MD1 SAMPLE NUMBER ====> SAMPLE DEPTH (ft.) ==> .5 SAMPLE DATE =====> 08/30/88 SAMPLE TYPE =====>

*=========

Quantitation COMPOUND NAME Limits Concentration _____

рΗ . 1 7.2

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====>	W01-12(A)
SAMPLE NUMBER ====>	W1-12A-MD1
SAMPLE DEPTH (ft.) ==>	.5
SAMPLE DATE =====>	08/30/88
SAMPLE TYPE =====>	• •

Quantitation
COMPOUND NAME
Limits
Concentration [All results in ug/Kg (ppb)]

AROCLOR-1016	80	ND<190
AROCLOR-1221	80	ND<190
AROCLOR-1232	80	ND<190
AROCLOR-1242	80	ND<190
AROCLOR-1248	80	ND<190
AROCLOR-1254	160	ND<310
AROCLOR-1260	160	ND<310

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL: VOA MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOGATION ====>	W01-12(A)
SAMPLE NUMBER ====>	W1-12A-MD1
SAMPLE DEPTH (ft.) ==>	.5
SAMPLE DATE ======>	08/30/88
CAMDIE TYDE ******	

SAMPLE TYPE === Quantitation Concentration [All results in ug/Kg (ppb)] COMPOUND NAME Limits ========= ND<10 1,1,1-Trichloroethane ND<10 1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane ND<10 1.1-Dichloroethane ND<10 1,1-Dichloroethene ND<10 1,2-Dichloroethane ND<10 1,2-Dichloroethenes(Total) ND<10 1,2-Dichloropropane ND<10 2-Butanone 10 J 3 2-Hexanone 10 ND<19 10 ND<19 4-Methyl-2-pentanone 10 B 8 Acetone 5 ND<10 Benzene Bromodichloromethane 5 ND<10 5 ND<10 Bromoform 10 ND<19 Bromomethane Carbon disulfide 5 ND<10 5 ND<10 Carbon tetrachloride ND<10 5 Chlorobenzene Chloroethane 10 ND<19 ND<10 Chloroform 10 ND<19 Chloromethane Dibromochloromethane ND<10 ND<10 Ethyl benzene Methylene chloride 5 B 27 Styrene 5 ND<10

NA - Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====>	" W01-12(A)
SAMPLE NUMBER ====>	W1-12A-M01
SAMPLE DEPTH (ft.) ==>	.5
SAMPLE DATE =====>	08/30/88
SAMPLE TYPE ======>	

COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/Kg (ppb)]
Tetrachioroethene	5	ND<10
Toluene	5	ND<10
Total xylenes	5	ND<10
Trichloroethene	5	ND<10
Vinyl acetate	10	ND<19
Vinyl chloride	10	ND<19
cis-1,3-Dichloropropene	5	ND<10
trans-1,3-Dichloropropene	5	ND<10

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound. No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION	====>	W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)
SAMPLE NUMBER	EEEE=>	W1-13F-MD1	W1-13F-MD2	W1-13F-MD3	W1-13F-MD4
SAMPLE DEPTH (f	t.) ==>	1.0	3.0	5.0	19.0
SAMPLE DATE **	****==>	08/09/88	08/09/88	08/09/88	08/10/88
SAMPLE TYPE ==	=====>				
	2222:::::::::			=========	==========
	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All result	s in ug/Kg (pp	b)]
	***********	***********		=========	
1,2 Dichlorobenzene	330	ND<4500	ND<430	ND<700	ND<420
1,2,4-Trichlorobenzene	330	ND<4500	ND<430	ND<700	ND<420
1,3 Dichlorobenzene	330	ND<4500	ND<430	ND<700	ND<420
1,4 Dichlorobenzene	330	ND<4500	ND<430	ND<700	ND<420
2 nitrophenol	330	ND<4500	ND<430	ND<700	ND<420
2,4 Dimethylphenol	330	ND<4500	ND<430	ND<700	ND<420
2,4,5-Trichlorophenol	1600	ND<22000	ND<2100	ND<3400	ND<2000
2,4,6-Trichlorophenol	330	ND<4500	ND<430	ND<700	ND<420
2,4-Dichlorophenol	330	ND<4500	ND<430	ND<700	ND<420
2,4-Dinitrophenol	1600	ND<22000	ND<2100	ND<3400	ND<2000
2,4-Dinitrotoluene	330	ND<4500	ND<430	ND<700	ND<420
2,6-Dinitrotoluene	330	ND<4500	ND<430	ND<700	ND<420
2-Chloronaphthalene	330	ND<4500	ND<430	ND<700	ND<420
2-Chlorophenol	330	ND<4500	ND<430	ND<700	ND<420
2-Methylnaphthalene	330	ND<4500	ND<430	ND<700	ND<420
2-Methylphenol	330	ND <4500	ND<430	ND<700	ND<420
2-Nitroaniline	1600	ND<22000	ND<2100	ND<3400	ND<2000
3,3'-Dichlorobenzidine	660	ND<9000	ND<860	ND<1400	ND<840
3-Nitroaniline	1600	ND<22000	ND<2100	ND<3400	ND<2000
4,6-Dinitro-2-methylphenol	1600	ND<22000	ND<2100	ND<3400	ND<2000
4-Bromophenyl phenyl ether	330	ND<4500	ND<430	ND<700	ND<420
4-Chloro-3-methylphenol	330	ND <4500	ND<430	ND<700	ND<420
4-Chloroaniline	330	ND<4500	ND<430	ND<700	ND<420
4-Chlorophenyl phenyl ether	330	ND <4500	ND<430	ND<700	ND<420
4-Methylphenol	330	ND<4500	ND<430	ND<700	ND<420

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION *****> SAMPLE NUMBER *****> SAMPLE DEPTH (ft.) **> SAMPLE DATE *******>	W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)
	W1-13F-MD1	W1-13F-MD2	W1-13F-MD3	W1-13F-MD4
	1.0	3.0	5.0	19.0
	08/09/88	08/09/88	08/09/88	08/10/88
SAMPLE TYPE ======>				

	*******	=========	=========	=======================================	===========
	Quantitation				
COMPOUND NAME	Limits	Concentrati	on [All results	sin ug/Kg (pp	b)]
	******	==========		==========	=======================================
4-Nitroaniline	1600	ND<22000	ND<2100	ND<3400	ND<2000
4-Nitrophenol	1600	ND<22000	ND<2100	ND<3400	ND<2000
Acenaph thene	330	ND<4500	ND<430	ND<700	ND<420
Acenaphthylene	330	ND<4500	ND<430	ND<700	ND<420
Anthracene	330	ND<4500	ND<430	ND<700	ND<420
Benzo(a)anthracene	330	ND<4500	ND<430	ND<700	ND<420
Benzo(a)pyrene	330	ND<4500	ND<430	ND<700	ND<420
Benzo(b)fluoranthene	330	ND<4500	ND<430	ND<700	ND<420
Benzo(g,h,i)perylene	330	ND<4500	ND<430	ND<700	ND<420
Benzo(k)fluoranthene	330	ND<4500	ND<430	ND<700	ND<420
Benzoic acid	1600	ND<22000	ND<2100	ND<3400	ND<2000
Benzyl Alcohol	330	ND<4500	ND<430	ND<700	ND <420
Bis(2-Chloroethoxy)methane	330	ND<4500	ND<430	ND<700	ND<420
Bis(2-Chloroethyl)ether	330	ND<4500	ND<430	ND<700	ND<420
Bis(2-Chloroisopropyl)ether	330	ND<4500	ND<430	ND<700	ND<420
Bis(2-Ethylhexyl)phthalate	330	ND<4500	480	530	ND<420
Butyl benzyl phthalate	330	ND<4500	ND<430	ND<700	ND<420
Chrysene	330	ND<4500	ND<430	ND<700	ND<420
Di-n-butylphthalate	330	ND<4500	ND<430	ND<700	ND<420
Di-n-octyl phthalate	330	ND<4500	ND<430	ND<700	ND<420
Dibenz(a,h)anthracene	330	ND<4500	ND<430	ND<700	ND<420
Dibenzofuran	330	ND<4500	ND<430	ND<700	ND<420
Diethylphthalate	330	ND<4500	ND<430	ND<700	ND<420
Dimethyl phthalate	330	ND<4500	ND<430	ND<700	ND<420
Fluoranthene	330	ND<4500	J 96	ND<700	ND<420
Fluorene	330	ND<4500	ND<430	ND<700	ND<420

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER	*****>	W01-13(F) W1-13F-MD1	W01-13(F) W1-13F-MD2	W01-13(F) W1-13F-MD3	W01-13(F) W1-13F-MD4
SAMPLE DEPTH (f	t.) ==>	1.0	3.0	5.0	19.0
SAMPLE DATE ==	====>	08/09/88	08/09/88	08/09/88	08/10/88
SAMPLE TYPE ==	=====>			•	• • • • •
	********	==========	*********	=========	=========
	Quantitation				
COMPOUND NAME	Limits	Concentration	on [All result	s in ug/Kg (pp	b)]
**********************	*********	=======================================	==========	=======================================	**********
Hexach Lorobenzene	330	ND<4500	ND<430	ND<700	ND<420
Hexach Lorobutadiene	330	ND<4500	ND<430	ND<700	ND<420
Hexachlorocyclopentadiene	330	ND<4500	ND<430	ND<700	ND<420
Hexachloroethane	330	ND<4500	ND<430	ND<700	ND<420
Indeno(1,2,3-c,d)pyrene	330	ND<4500	ND<430	ND<700	ND<420
Isophorone	330	ND<4500	ND<430	ND<700	ND<420
N-nitroso-dipropylamine	330	ND<4500	ND<430	ND<700	ND<420
N-nitrosodiphenylamine	330	ND<4500	ND<430	ND<700	ND<420
Naph tha lene	330	ND<4500	ND<430	ND<700	ND<420
Nitrobenzene	330	ND<4500	ND<430	ND<700	ND<420
Pentachlorophenol	1600	ND<22000	ND<2100	ND<3400	ND<2000
Phenanthrene	330	ND<4500	ND<430	ND<700	ND<420
Phenol	330	ND<4500	ND<430	ND<700	ND<420
Pyrene	330	ND<4500	ND<430	ND<700	ND<420
======================================					
Nexadecanoic Acid	TIC		2600		
Molecular Sulfur (S8)	TIC			500	
Unknown a 26.03	TIC			30	
Unknown @ 26.65	TIC			20	
Unknown a 26.85	DIT			20	
Unknown a 26.95	TIC			30	
Unknown a 27.90	TIC			20	
Unknown a 28.34	TIC		1400		
Unknown a 28.53	TIC			30	
Unknown @ 29.87	TIC		1400		
Unknown a 31.53	TIC			9	
Unknown @ 31.88	TIC			20	
NA - Not Analyzed.					

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

SAMPLE LOCATION =====>

Report Generated: 12/09/88

W01-13(F)

Results of Soil Sample Analyses Site 1, Phase 1

W01-13(F)

W01-13(F)

W01-13(F)

SAMPLE NUMBER	#####>	W1-13F-MD1	W1-13F-MD2	W1-13F-HD3	W1-13F-MD4
SAMPLE NUMBER SAMPLE DEPTH (f		1.0	3.0	5.0	19.0
		08/09/88	08/09/88	08/09/88	08/10/88
SAMPLE DATE ==		00/09/00	00/09/00	00/09/00	00/10/00
SAMPLE TYPE ==					
	*********	=======================================	=======================================	=========	
	Quantitation				L.19
COMPOUND NAME	Limits		n [All result:		
	*======================================	***********	=========		
Unknown a 35.69	TIC	5000			
Unknown @ 35.86	TIC	2700			
Unknown a 36.01	TIC	2700			
Unknown @ 36.19	TIC	3700			
Unknown @ 36.34	TIC	3200			
Unknown a 36.49	TIC	3700			
Unknown @ 36.64	TIC	3700 3700			
Unknown @ 36.82	TIC	2700			
Unknown @ 37.01	TIC	5000			
Unknown @ 37.07	TIC	5000			
Unknown a 37.14	TIC	3700			
Unknown @ 37.44	TIC	2300			
Unknown @ 38.69	217	2300			
Unknown a 38.87	TIC	2300			
Unknown a 6.03	TIC	2300	1200		
Unknown @ 6.08	TIC		1200		970
Unknown a 6.87	TIC		19000		,,,
Unknown @ 6.87	TIC		17000		18000
Unknown @ 7.17	TIC				2400
Unknown @ 7.17	TIC				1200
Unknown Hydrocarbon a 29.62	TIC		1400		
Unknown Hydrocarbon & 29.02 Unknown Hydrocarbon & 30.22	TIC		6100		
Unknown Hydrocarbon & 30.22 Unknown Hydrocarbon & 31.37	TIC		13000		
	710		15000		
Unknown Hydrocarbon @ 32.49	TIC		4200		
Unknown Hydrocarbon a 33.09			48000		
Unknown Hydrocarbon a 33.54	TIC		40000		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	====>	W01-13(F) W1-13F-MD1 1.0 08/09/88	W01-13(F) W1-13F-MD2 3.0 08/09/88	W01-13(F) W1-13F-MD3 5.0 08/09/88	W01-13(F) W1-13F-MD4 19_0 08/10/88
***************************************	*********		**********	==========	
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result		ob)]
Unknown Hydrocarbon a 34.14	TIC		8700		
Unknown Hydrocarbon @ 34.62	TIC		43000		
Unknown Hydrocarbon @ 35.29	TIC		6500		
Unknown Hydrocarbon a 35.84	TIC		38000		
Unknown Hydrocarbon a 36.61	TIC		5200		
Unknown Hydrocarbon @ 37.22	TIC		26000		
Unknown Hydrocarbon @ 38.87	TIC		15000		
Unknown Hydrocarbon @ 40.81	TIC		6100		
Unknown Hydrocarbon a 43.23	TIC		3800		

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.
- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

B - The analyte is found in the blank as well as a sample and indicates possible/probable plank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS MATRIX: SOIL

SAMPLE LOCATION ====>

Report Generated: 12/09/88

W01-13(F)

Results of Soil Sample Analyses Site 1, Phase 1

W01-13(F)

W01-13(F)

W01-13(F)

SAMPLE NUMBER SAMPLE DEPTH (1 SAMPLE DATE === SAMPLE TYPE ===	:####==> :####==>	W1-13F-MD1 1.0 08/09/88	W1-13F-MD2 3.0 08/09/88	W1-13F-MD3 5.0 08/09/88	W1-13F-MD4 19.0 08/10/88
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result	s in mg/Kg (pp	m)]
Aluminum Antimony Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Iron Lead Magnesium Manganese Mercury Nickel	40	18900	16100	22800	21700
	12	52.8	43.9	63.6	61
	2	ND < 6.3	ND<15.9	ND<2.6	ND<15.5
	40	83.3	118	145	172
	1	2.7	2.2	3.3	2.8
	1	ND < .9	ND<1.1	2.2	ND<1.1
	1000	19300	52600	32200	20200
	2	37.8	37.8	76.9	67.2
	10	14.3	13.2	30.2	20.8
	5	48.6	73.9	50	45.8
	20	35100	29200	41100	36000
	1	7.3	19.4	69	9.6
	1000	12600	11100	14700	16900
	3	738	580	808	344
	.04	ND < .1	.4	.5	.2
Potassium	1000	J 604	J 416	2190	2820
Selenium	1	ND<.54	ND<.68	ND<1.1	ND<.66
Silver	2	ND<.54	ND<.62	ND<1.1	ND<.66
Sodium	1000	J 336	J 322	2550	6610
Thallium	2	ND<.36	ND<.45	ND<.74	ND<.44
Vanadium	10	60.4	66.2	73.5	75.1
Zinc	4	84.7	72.4	427	85

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.
- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not

analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Outsite time to an accomposition in the Remaind Lauretination New Moore to Station Mooffatt Field California

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: SOIL Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE NUMBER =====> SAMPLE DEPTH (ft.) ==> SAMPLE DATE ========> SAMPLE TYPE =======>	W01-13(F) W1-13F-M01 1.0 08/09/88	W01-13(F) W1-13F-MD2 3.0 08/09/88	W01-13(F) W1-13F-MD3 5.0 08/09/88	W01-13(F) W1-13F-MD4 19.0 08/10/88
######################################		******	===========	=======================================
COMPOUND NAME Limits	Concentrati	on ==========		***********
pH .1	9.0	8.5	8.6	8.2

A - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than
 the specified detection limit but greater than zero.
- B The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION	====>	W01-13(F)	W01-13(F)	W01-13(F)	W01-13(F)
SAMPLE NUMBER	*===>	W1-13F-MD1	W1-13F-MD2	W1-13F-MD3	W1-13F-M04
SAMPLE DEPTH (1	ft.) ==>	1.0	3.0	5.0	19.0
SAMPLE DATE ==	******	08/09/88	08/09/88	08/09/88	08/10/88
SAMPLE TYPE ==	:14E223>	-• - •			
********************	*******	=========	2 2222222222	* **********	=======================================
	Quantitation				
COMPOUND NAME	Limits	Concentrat	ion [All result	s in ug/Kg (pp	b)}
*******************	***********	**********	* **********	***********	
AROCLOR - 1016	80	ND<820	ND<100	ND<170	ND<100
AROCLOR-1221	80	ND<820	ND<100	ND<170	ND<100
AROCLOR - 1232	80	ND<820	ND<100	ND<170	ND<100
AROCLOR-1242	80	ND<820	ND<100	ND<170	ND<100
AROCLOR-1248	80	ND<820	ND<100	ND<170	ND<100
AROCLOR - 1254	160	ND<1600	ND<210	ND<340	ND<200
AROCLOR - 1260	160	ND<1600	ND<210	ND<340	ND<200

NA - Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.
The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

SAMPLE LOCATION ====>

Report Generated: 12/09/88

₩01-13(F)

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

₩01-13(F)

₩01-13(F)

₩01-13(F)

SAMPLE LOGATION			-13(1)	WOI-13(F)	MO1-13(F)	MO1-12(F)
SAMPLE NUMBER	****	W1-	13F-MD1	W1-13F-MD2	W1-13F-MD3	W1-13F-MD4
SAMPLE DEPTH (ft.) ==>	1.0		3.0	5.0	19.0
SAMPLE DATE ==	******	08/	09/88	08/09/88	08/09/88	08/10/88
SAMPLE TYPE =:	E2222=>					
	**********	====				
	Quantitation					
COMPOUND NAME	Limits	Co	ncentrati	on [All result	s in ug/Kg (pp	b)]
	222222222	====				=========
1,1,1-Trichloroethane	5		ND	ND<6	ND<11	ND<6
1,1,2,2-Tetrachloroethane	5		ND	ND<6	ND<11	ND<6
1,1,2-Trichloroethane	5		· ND	ND<6	ND<11	ND<6
1,1-Dichloroethane	5		ND	ND<6	ND<11	ND<6
1,1-Dichloroethene	5		ND	ND<6	ND<11	ND<6
1,2-Dichloroethane	5		ND	ND<6	ND<11	ND<6
1,2-Dichloroethenes(Total)	5		ND	ND<6	ND<11	ND<6
1,2-Dichloropropane	5		ND	ND<6	ND<11	ND<6
2-Butanone	10	В	3	B 9	16	J 5
2-Hexanone	10		ND	ND<13	ND<21	ND<13
4-Methyl-2-pentanone	10		ND	ND<13	ND<21	ND<13
Acetone	10	В	26	B 51	B 93	в 35
Benzene	5		ND	ND<6	ND<11	ND<6
Bromodichloromethane	5		ND	ND<6	ND<11	ND<6
Bromoform	5		ND	ND<6	ND<11	ND<6
Bromomethane	10		ND	ND<13	ND<21	ND<13
Carbon disulfide	5		ND	J 2	ND<11	ND<6
Carbon tetrachloride	5 5 5		ND	ND<6	ND<11	ND<6
Chlorobenzene	5		ND	ND <6	ND<11	ND <6
Chloroethane	10		ND	ND<13	ND<21	ND<13
Chloroform	5		ND	ND<6	ND<11	ND<6
Chloromethane	10		ND	ND<13	ND<21	ND<13
Dibromochloromethane	5		ND	ND<6	ND<11	ND<6
Ethyl benzene	5		ND	10	9	ND<6
Methylene chloride	5	В	9	B 28	в 33	B 32
Styrene	5	_	ND	ND<6	ND<11	ND<6

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

Report Generated: 12/09/88

Results of Soil Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE MUMBER SAMPLE DEPTH (SAMPLE DATE == SAMPLE TYPE ==	****** ft.) ==> #####=>	W1- 1.0	-13(F) 13F-MD1 09/88	W1-1 3.0	13(F) 3F-MD2 9/88	W01-13(F) W1-13F-MD3 5.0 08/09/88	W01-13(F) W1-13F-MD4 19.0 08/10/88
	Quantitation	====	=======	=====	======	==========	. ==========
COMPOUND NAME	Limits	Co	ncentrati	on [Al	l result:	s in ug/Kg (pp	xb)}
Tetrachloroethene	5		ND	J	1	ND<11	ND<6
Toluene	5	В	1	В	2	J 3	J 2
Total xylenes	5		ND	J	4	15	ND<6
Trichloroethene	5		ND	ND<	6	ND<11	ND<6
Vinyl acetate	10		ND	ND<	:13	ND<21	ND<13
Vinyl chloride	10		ND	ND<	:13	ND<21	ND<13
cis-1,3-Dichloropropene	5		ND	ND<	6	ND<11	ND<6
trans-1,3-Dichloropropene	5		ND	ND<	6	ND<11	ND<6
1-Hexene	TIC		21				
Hexane	TIC				6.5		

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

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Unknown @ 9.07 indicates the retention time for the unknown compound.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

RESULTS OF WATER SAMPLE ANALYSIS, SITE 1

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====> SAMPLE NUMBER ====>	W01-05(A) MOF-47	W01-05(A) MOF-8
SAMPLE DATE =====>	09/14/88	08/10/88
SAMPLE TYPE ======>	SPLIT	

	0				
COMPOUND NAME	Quantitation Limits	Concentration	fall recults	in until (nnh 1 1
CONFOOND NAME	Limits	CORCENTIATION	LALL TESULES	III Ug/L (Pho 11
1,2 Dichlorobenzene	10	ND	ND		
1,2,4-Trichlorobenzene	10	ND	ND		
1,3 Dichlorobenzene	10	ND	ND		
1,4 Dichlorobenzene	10	ND	ND		
2 nitrophenol	10	ND	ND		
2,4 Dimethylphenol	10	ND	ND		
2,4,5-Trichlorophenol	50	ND	ND		
2,4,6-Trichlorophenol	10	ND	ND		
2,4-Dichlorophenol	10	ND	ND		
2,4-Dinitrophenol	50	ND	ND		
2,4-Dinitrotoluene	10	ND	ND		
2,6-Dinitrotoluene	10	ND	ND		
2-Chloronaphthalene	10	ND	ND		
2-Chlorophenol	10	ND	36		
2-Methylnaphthalene	10	ND	ND		
2-Methylphenol	10	ND	ND		
2-Nitroaniline	50	ND	ND		
3,3'-Dichlorobenzidine	20	ND	ND		
3-Nitroaniline	50	ND	ND		
4,6-Dinitro-2-methylphenol	50	ND	ND		
4-Bromophenyl phenyl ether	10	ND	ND		
4-Chloro-3-methylphenol	10	ND	22		
4-Chloroaniline	10	ND	ND		
4-Chlorophenyl phenyl ether	10	ND	ND		
4-Methylphenol	10	ND	ND		
· · · · · · · · · · · · · · · · · · ·					

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-05(A) W01-05(A)
SAMPLE NUMBER ====> M0F-47 M0F-8

SAMPLE DATE ======> 09/14/88 08/10/88
SAMPLE TYPE ======> SPLIT

	=======================================	:		
	Quantitation			
COMPOUND NAME	Limits	Concentration	on [All results	in ug/L (ppb)]
	========			
4-Nitroaniline	50	ND	ND	
4-Nitrophenol	50	ND	ND	
Acenaph thene	10	ND	ND	
Acenaphthylene	10	ND	ND	
Anthracene	10	ND	ND	
Benzo(a)anthracene	10	ND	ND	
Benzo(a)pyrene	10	ND	ND	
Benzo(b)fluoranthene	10	ND	ND	
Benzo(g,h,i)perylene	10	ND	ND	
Benzo(k)fluoranthene	10	ND	ND	
Benzoic acid	50	ND	ND	
Benzyl Alcohol	10	ND	ND	
Bis(2-Chloroethoxy)methane	10	ND	ND	
Bis(2-Chloroethyl)ether	10	ND	ND	
Bis(2-Chloroisopropyl)ether	10	ND	ND	
Bis(2-Ethylhexyl)phthalate	10	B 4	J 4	
Butyl benzyl phthalate	10	ND	ND	
Chrysene	10	ND	ND	
Di-n-butylphthalate	10	ND	ND	
Di-n-octyl phthalate	10	ND	ND	
Dibenz(a,h)anthracene	10	ND	ND	
Dibenzofuran	10	ND	ND	
Diethylphthalate	10	ND	ND	
Dimethyl phthalate	10	ND	ND	
Fluoranthene	10	ND	ND	
fluorene	10	ND	ND	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	=====>	W01-05(A) MOF-47	W01-05(A) M0F-8	
	******	09/14/88 SPLIT	08/10/88	
COMPOUND NAME	Quantitation Limits	Concentrati		L (ppb)]
Hexachlorobenzene	10	ND	ND	•
Hexachlorobutadiene	10	ND	ND	
Hexachlorocyclopentadiene	10	ND	ND	
Hexachloroethane	10	ND	ND	
Indeno(1,2,3-c,d)pyrene	10	ND	ND	
Isophorone	10	ND	ND	
N-nitroso-dipropylamine	10	ND	ND	
N-nitrosodiphenylamine	10	ND	ND	
Naphthalene	10	ND	ND	
Nitrobenzene	10	ND	ND	
Pentachlorophenol	50	ND	J 24	
Phenanthrene	10	ND	ND	
Phenol	10	ND	33	
Pyrene	10	ND	ND	
TIC				
2-Butanone, 4-(Acetyloxy)-	TIC	14		
= =====================================		• •		

- Not Analyzed.

2-Pentanone, 4-Hydroxy-4-met

Molecular Sulfur(S8)

- This compound was not detected at or above the Quantitation Limit.

TIC

TIC

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

56

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

20

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed. - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

PANEL : METALS MATRIX: WATER

SAMPLE LOCATION =====>

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

W01-05(A)

W01-05(A)

NAS MOFFETT FIELD

SAMPLE NUMBER	====>	MOF-47	MOF-8
SAMPLE DATE == SAMPLE TYPE ==	:====>	09/14/88 SPLIT	08/10/88
	Quantitation		======================================
COMPOUND NAME	Limits		n [All results in ug/L (ppb)]
Aluminum	200	J 34.7	ND<100
Ant imony	60	155	676
Arsenic	10	ND<7	ND<5
Barium	200	J 44.9	271
Beryllium	5	ND<.6	ND
Cadmium	5	ND	43
Calcium	5000	37200	322000
Chromium	10	ND<5	173
Cobalt	50	ND<5	62.1
Copper	25	ND<4	26.5
Iron	100	208	1750
Lead	5	ND<30	5.4
Magnes i um	5000	149000	1600000
Manganese	15	190	1430
Mercury	.2	ND	ND
Nickel	40	ND<8	117
Potassium	5000	32400	328000
Selenium	5	ND<200	5.9
Silver	10	J 5.2	25.9
Sodium	5000	1280000	11600000
Thallium	10	ND<20	ND<20
Vanadium	50	ND < 4	88.9
Zinc	20	J 12.1	26

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

PANEL : MISC MATRIX: WATER Report Generated: 12/09/88

in mg/L (ppm)]

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE NUMBER =====>	W01-05(A) MOF-47	W01-05(%) MOF-8
SAMPLE DATE =======>	09/14/88	08/10/88
SAMPLE TYPE ======>	SPLIT	
Quentitation	===========	=======================================

COMPOUND NAME	Limits	Concentrati	on [All results	•
**********************	22232222222	=========	=======================================	
Bicarbonate	1	ND	2100	
Carbonate	1	2000	ND	
Chloride	.1	94000	22000	
Fluoride	.1	ND<40	57	
Nitrate	.1	ND<6	ND<8	
Sulfate	.2	6.9	640	
TDS	1	>20000	>20000	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

- TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

 J The data indicate the presence of a compound that meets the identification criteria but the result is less than
 - the specified detection limit but greater than zero.
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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	*====>	W01-05(A) MOF-47	W01-05(A) MOF-8
	:=====>	09/14/88 SPLIT	08/10/88
COMPOUND NAME	Quantitation Limits	Concentrati	:s ion [All results in ug/L (ppb)] :
AROCLOR-1016	.5	ND	ND
AROCLOR-1221	.5	ND	ND
AROCLOR-1232	.5	ND	ND
AROCLOR - 1242	.5	ND	ND
AROCLOR-1248	.5	ND	ND
AROCLOR-1254	1	ND	ND
AROCLOR - 1260	1	ND	ND

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
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SAMPLE LOCATION =====>

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

W01-05(A)

W01-05(A)

NAS MOFFETT FIELD

J. W. L.	•••	HO! 05(A)	₩0.	02(4)	
SAMPLE NUMBER	====>	MOF-47	MOF	-8	
SAMPLE DATE	======>	09/14/88	08/	10/88	
SAMPLE TYPE	=====>	SPLIT			
***********	= =====================================	==========	= ====	=======	
	Quantitation				
COMPOUND NAME	Limits	Concentrat	ion [A	ll results	in ug/L (ppb)}
	z =========	=======================================			J. 111
1,1,1-Trichloroethane	5	ND		ND	
1,1,2,2-Tetrachloroethane	5	ND		ND	
1,1,2-Trichloroethane	5	ND		ND	
1,1-Dichloroethane	5	NĐ		ND	
1,1-Dichloroethene	5	ND		ND	
1,2-Dichloroethane	5	ND		ND	
1,2-Dichloroethenes(Total)	5	ND		ND	
1,2-Dichloropropane	5	ND		ND	
2-Butanone	10	ND		ND	
2-Hexanone	10	ND		ND	
4-Methyl-2-pentanone	10	ND		ND	
Acetone	10	ND	В	13	
Benzen e	5	ND		ND	
Bromodichloromethane	5	ND		ND	
Bromoform	5	ND		ND	
Bromomethane	10	ND		ND	
Carbon disulfide	5	ND		ND	
Carbon tetrachloride	5	ND		ND	
Chlorobenzene	5	ND		ND	
Chloroethane	10	ND		ND	
Chloroform	5	ND		ND	
Chloromethane	10	ND<10		ND	
Dibromochloromethane	5	ND		ND	
Ethyl benzene	5	ND		ND	

⁻ Not Analyzed.

Methylene chloride

Styrene

B 13

B 7

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

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Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====>	W01-05(A) MOF-47	W01-05(A) M0F-8
	=====>	09/14/88 SPLIT	08/10/88
=======================================	**********	===========	=======================================
COMPOUND NAME	Quantitation Limits	Concentrati	on [All results in ug/L (ppb)]
Tetrachloroethene	5	ND	ND .
Toluene	5	ND	B 2
Total xylenes	5	ND	ND
Trichloroethene	5	ND	ND
Vinyl acetate	10	ND	ND
Vinyl chloride	10	ND	ND
cis-1,3-Dichloropropene	5	ND	ND
trans-1,3-Dichloropropene	5	ND	ND
======== TIC ========			
1,1,2-Trichloro-1,2,2-Trifluo	TIC	10	
Diiodomethane	TIC	6	

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.
 The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER	====>	W01-06(A) MOF-23	W01-06(A) MOF-25	W01-06(A) MOF-49
SAMPLE DATE == SAMPLE TYPE ==	=====> =====> ========================	08/18/88	08/18/88 DUP	09/14/88
COMPOUND NAME	Quantitation Limits		on [All result	s in ug/L (ppb)]
1,2 Dichlorobenzene 1,2,4-Trichlorobenzene	10 10	ND ND	ND ND	ND ND
1,3 Dichlorobenzene	10	ND	ND	ND
1,4 Dichlorobenzene	10	ND	ND	ND
2 nitrophenol	10	ND	ND	ND
2,4 Dimethylphenol	10	ND	ND	ND
2,4,5-Trichlorophenol	50	ND	ND	ND
2,4,6-Trichlorophenol	10	ND	ND	ND
2,4-Dichlorophenol	10	ND	ND	ND
2,4-Dinitrophenol	50	ND	ND	ND
2,4-Dinitrotoluene	10	ND	ND	ND
2,6-Dinitrotoluene	10	ND	ND	ND
2-Chloronaphthalene	10	ND	ND	ND
2-Chlorophenol	10	ND	ND	ND
2-Methylnaphthalene	10	ND	ND	ND
2-Methylphenol	10	ND	ND	ND
2-Nitroaniline	50	ND	ND	ND
3,3'-Dichlorobenzidine	20	ND	ND	ND
3-Nitroaniline	50	ND	ND	ND
4,6-Dinitro-2-methylphenol	50	ND	ND	ND
4-Bromophenyl phenyl ether	10	ND	ND	ND
4-Chloro-3-methylphenol	10	ND	ND	ND
4-Chloroaniline	10	ND	ND	ND
4-Chlorophenyl phenyl ether	10	ND	ND	ND
4-Methylphenol	10	ND	ND	ND

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER	#====> #====>	W01-06(A) MOF-23	W01-06(A) M0F-25	W01-06(A) M0F-49
	======>	08/18/88	08/18/88 DUP	09/14/88
***********************		*********	=========	===========
COMPOUND NAME	Quantitation Limits	Concentratio	n [All results	in ug/L (ppb)]
	=======================================	=======================================		
4-Nitroaniline	50	ND	ND	ND
4-Nitrophenol	50	ND	ND	ND
Acenaphthene	10	ND	ND	ND
Acenaphthylene	10	ND	ND	ND
Anthracene	10	ND	ND	ND
Benzo(a)anthracene	10	ND	ND	ND
Benzo(a)pyrene	10	ND	ND	ND
Benzo(b)fluoranthene	10	ND	ND	ND
Benzo(g,h,i)perylene	10	ND	ND	ND
Benzo(k)fluoranthene	10	ND	ND	ND
Benzoic acid	50	ND	ND	ND
Benzyl Alcohol	10	ND	ND	ND
Bis(2-Chloroethoxy)methane	10	ND	ND	ND
Bis(2-Chloroethyl)ether	10	ND	ND	ND
Bis(2-Chloroisopropyl)ether	10	ND	ND	ND
Bis(2-Ethylhexyl)phthalate	10	ND	J 3	B 2
Butyl benzyl phthalate	10	ND	ND	ND
Chrysene	10	ND	ND	ND
Di-n-butylphthalate	10	ND	ND	ND
Di-n-octyl phthalate	10	ND	NÐ	ND
Dibenz(a,h)anthracene	10	ND	ND	ND
Dibenzofuran	10	ND	ND	ND
Diethylphthalate	10	ND	ND	ND
Dimethyl phthalate	10	ND	ND	ND
fluoranthene	10	ND	ND	ND
fluorene	10	ND	ND	ND

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

		,		
SAMPLE LOCATION	 ====>	W01-06(A)	W01-06(A)	W01-06(A)
SAMPLE NUMBER	====>	MOF-23	MOF-25	MOF-49
SAMPLE DATE ==	:=====>	08/18/88	08/18/88	09/14/88
	:=====>		DUP	, ,
=======================================	E=========	==========	=======================================	**********
	Quantitation			
COMPOUND NAME	Limits	Concentratio	on [All result	s in ug/L (ppb)]
		**********	*********	**********
Hexach (orobenzene	10	ND	ND	ND
Hexachlorobutadiene	10	ND	ND	ND
Hexachlorocyclopentadiene	10	ND	ND	ND
Hexachloroethane	10	ND	ND	ND
Indeno(1,2,3-c,d)pyrene	10	ND	ND	ND
Isophorone	10	ND	ND	ND
N-nitroso-dipropylamine	10	ND	ND	ND
N-nitrosodiphenylamine	10	ND	ND	ND
Naphthalene	10	ND	ND	ND
Nitrobenzene	10	ND	ND	ND
Pentachlorophenol	50	ND	ND	ND
Phenanthrene Phenanthrene	10	ND	ND	ND
Phenol	10	ND	ND	ND
Pyrene	10	ND	ND	ND
======================================				
2-Butanone 4-(Acetyloxy)	TIC			B 64
2-Pentanone 4-Hydroxy-4-Met	TIC			8 52
Acetyl Bromide (Dot)	TIC			11
Cyclohexene, 3-Bromo	TIC			65
Cyclohexene, 3-Chloro	TIC			10
Unknown a 10.72	TIC			9
Unknown @ 10.84	TIC			9.2
Unknown a 2.93	TIC			8.4
Unknown a 4.10	TIC			9.2
Unknown a 4.32	TIC			170

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : METALS MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION Sample Number	====>	W01-06(A) MOF-23	W01-06(A) MOF-25	W01-06(A) M0F-49
SAMPLE DATE == SAMPLE TYPE ==	=====>	08/18/88	08/18/88 DUP	09/14/88
				=========
	Quantitation			
COMPOUND NAME	Limits			in ug/L (ppb)]
	==========	=======================================	=========	
Aluminum	200	J 34.4	J 58.5	ND<100
Antimony	60	ND<24	559	601
Arsenic	10	ND<25	ND<25	ND<25
Barium	200	ND<7	J 126	J 53.6
Beryllium	5 5	ND<.6	ND<.6	5.2
Cadmium		ND	ND	47.8
Calcium	5000	5510	434000	541000
Chromium	10	ND<5	ND<5	1 <i>7</i> 3
Cobalt	50	ND<5	J 11	84.3
Copper	25	ND<4	J 5.6	36.5
Iron	100	J 44.8	3490	260
Lead	5	ND<30	ND<30	139
Magnesium	5000	18100	1360000	198 000
Manganese	15	27.2	2150	6970
Mercury	.2	ND	ND	.2
Nickel	40	ND<8	ND<8	147
Potassium	5000	6610	372000	451000
Selenium	5	ND<125	ND<125	ND<125
Silver	10	J 5.3	ND<3	34.6
Sodium	5000	121000	870000	1450000
Thallium	10	ND<20	ND<20	ND<50
Vanadium	50	J 4.8	ND<4	102
Zinc	20	ND<2	J 6.6	29.6

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION	====>	W01-06(A)	W01-06(A)	W01-06(A)
SAMPLE NUMBER		MOF-23	MOF-25	M0F-49
DAIL	=====>	08/18/88	08/18/88 DUP	09/14/88
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result	ts in mg/L (ppm)]
Bicarbonate	1	1200	1200	820
Carbonate	.1	ND	ND	ND
Chloride		24000	22000	30000
Fluoride	.1	65	63	ND<80
Nitrate	.1	ND<10	ND<10	ND<5
Sulfate	.2	2300	2400	3100
TDS		>20000	>2000	> 20000

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- J The data indicate the presence of a compound that meets the identification criteria but the result is less than
 - the specified detection limit but greater than zero.

 The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.
- Unknown a 9.07 indicates the retention time for the unknown compound.
- No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.
- Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====>	W01-06(A) MOF-23	W01-06(A) MOF-25	W01-06(A) MOF-49
SAMPLE DATE == SAMPLE TYPE ==	=====>	08/18/88	08/18/88 DUP	09/14/88
	Quantitation	=======================================	=======================================	
COMPOUND NAME	Limits	Concentratio	on [All result	ts in ug/L (ppb)]
=======================================		************	==========	
AROCLOR-1016	.5	ND	ND	ND
AROCLOR-1221	.5	ND	ND	ND
AROCLOR-1232	.5	ND	ND	ND
AROCLOR-1242	.5	ND	ND	ND
AROCLOR-1248	.5	ND	ND	ND
AROCLOR-1254	1	ND	ND	ND
AROCLOR-1260	1	ND	ND	ND

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION Sample Number	====>		1-06(A) 23		1-06(A) :-25		-06(A) -49
	#####>	08,	18/88	08/ DUP	18/88	09/	14/88
		====	=======	====	********	====	=======
	Quantitation						
COMPOUND NAME	Limits						ug/L (ppb)]
	=======================================	====	.=======	====		====	========
1,1,1-Trichloroethane	5		ND		ND		ND
1,1,2,2-Tetrachloroethane	5		ND		ND		ND
1,1,2-Trichtoroethane	5		ND		ND		ND
1,1-Dichloroethane	5		ND		ND		ND
1,1-Dichloroethene	5		ND		ND		ND
1,2-Dichloroethane	5		ND		ND		ND
1,2-Dichloroethenes(Total)	5		ND		ND		ND
1,2-Dichloropropane	5		ND		ND		ND
2-Butanone	10		ND		ND		ND
2-Hexanone	10		ND		ND		ND
4-Methyl-2-pentanone	10		ND		ND		ND
Acetone	10	В	3	В	4		ND
Benzene	5		ND		ND		ND
Bromodichloromethane	5		ND		ND		ND
Bromoform	5		ND		ND		ND
Bromomethane	10		ND		ND		ND
Carbon disulfide	5		ND		ND		ND
Carbon tetrachloride	5 5 5		ND		ND		ND
Chlorobenzene	5		ND		ND		ND
Chloroethane	10		ND		ND		ND
Chloroform	5		ND		ND		ND
Chloromethane	10		ND		ND		ND
Dibromochloromethane	5		ND		ND		ND
Ethyl benzene	5 5 5		ND		ND		ND
Methylene chloride	5	8	3	В	3	В	11
Styrene	5		ND		ND		ND

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATI SAMPLE NUMBER		W01-06(A) MOF-23	W01-06(A) MOF-25	W01-06(A) M0F-49
SAMPLE DATE SAMPLE TYPE	======>	08/18/88	08/18/88 DUP	09/14/88
COMPOUND NAME	Quantitation Limits	Concentrat	ion [All result	ts in ug/L (ppb)]
Tetrachloroethene	5	ND	ND	ND
Toluene	5	ND	ND	ND
Total xylenes	5	ND	ND	ND
Trichloroethene	5	ND	ND	ND
Vinyl acetate	10	ND	ND	ND
Vinyl chloride	10	ND	ND	ND
cis-1,3-Dichloropropene	5	ND	ND	ND
trans-1,3-Dichloropropene	5	ND	ND	ND

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not

analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California,
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Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION ====> SAMPLE NUMBER ====>	W01-07(A) MOF-54	W01-07(A) MOF-55
SAMPLE DATE ======>	09/15/88	09/15/88
SAMPLE TYPE ======>		DUP
***************************************		==========

	=======================================			
	Quantitation			
COMPOUND NAME	Limits	Concentration (All results in ug/L (ppb)}	
	============		=======================================	
1,2 Dichlorobenzene	10	ND	ND	
1,2,4-Trichlorobenzene	10	ND	ND	
1,3 Dichlorobenzene	10	ND	ND	
1,4 Dichlorobenzene	10	ND	ND	
2 nitrophenol	10	ND	ND	
2,4 Dimethylphenol	10	ND	ND	
2,4,5-Trichtorophenot	50	ND	ND	
2,4,6-Trichlorophenol	10	ND	ND	
2,4-Dichlorophenol	10	ND	ND	
2,4-Dinitrophenol	50	ND	ND	
2,4-Dinitrotoluene	10	ND	ND	
2,6-Dinitrotoluene	10	ND	ND	
2-Chloronaphthalene	10	ND	ND	
2-Chlorophenol	10	ND	ND	
2-Methylnaphthalene	10	ND	ND	
2-Methylphenol	10	ND	ND	
2-Nitroaniline	50	ND	ND	
3,31-Dichlorobenzidine	20	ND	ND	
3-Nitroaniline	50	ND	ND	
4,6-Dinitro-2-methylphenol	50	ND	ND	
4-Bromophenyl phenyl ether	10	ND	ND	
4-Chloro-3-methylphenol	10	ND	ND	
4-Chloroaniline	10	ND	ND	
4-Chlorophenyl phenyl ether	10	ND	ND	
4-Methylphenol	10	ND	ND	
4 rictily epiteriot	10	ND	NO	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

SAMPLE LOCATION ====>>

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Results of Water Sample Analyses Site 1, Phase 1

W01-07(A)

W01-07(A)

NAS MOFFETT FIELD

SAMPLE NUMBER ====> MOF-54 MOF-55 SAMPLE DATE ======> 09/15/88 09/15/88 SAMPLE TYPE ======> DUP Quantitation COMPOUND NAME Limits Concentration [All results in ug/L (ppb)] 4-Nitroaniline 4-Nitrophenol 50 ND ND Acenaphthene 10 ND ND Acenaphthylene 10 ND ND Anthracene 10 ND ND Benzo(a)anthracene 10 ND ND 10 Benzo(a)pyrene ND ND 10 Benzo(b) fluoranthene ND ND 10 Benzo(g,h,i)perylene ND ND Benzo(k)fluoranthene 10 ND ND Benzoic acid 50 ND ND 10 Benzyl Alcohol ND ND 10 Bis(2-Chloroethoxy)methane ND ND Bis(2-Chloroethyl)ether 10 ND ND Bis(2-Chloroisopropyl)ether 10 ND ND Bis(2-Ethylhexyl)phthalate 10 ND 8 Butyl benzyl phthalate 10 ND ND Chrysene 10 ND ND Di-n-butylphthalate 10 ND ND Di-n-octyl phthalate 10 ND ND Dibenz(a,h)anthracene 10 ND ND Dibenzofuran 10 ND ND

Diethylphthalate

Fluoranthene

Fluorene

Dimethyl phthalate

10

10

10

10

ND

ND

ND

ND

ND

ND

ND

MD

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

PANEL : BNA MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====>	W01 MOF	-07(A) -54		-07(A) -55
OATH EE DATE	=====>	09/	15/88	-	15/88
SAMPLE TYPE ==:	=====>		=======	DUP	
	Quantitation				
COMPOUND NAME	Limits	ſ'n	ncentrati	on [A	ll results in ug/L (ppb)]
	=======================================	====	=======	====	========
Hexachlorobenzene	10		ND		ND
Hexachlorobutadiene	10		ND		ND
Hexachlorocyclopentadiene	10		ND		ND
Hexachloroethane	10		ND		ND
Indeno(1,2,3-c,d)pyrene	10		ND		ND
Isophorone	10		ND		ND
N-nitroso-dipropylamine	10		ND		ND
N-nitrosodiphenylamine	10	J	2		ND
Naph tha lene	10		ND		ND
Nitrobenzene	10		ND		ND
Pentachlorophenol	50		ND		ND
Phenanthrene	10		ND		ND
Phenol	10		ND		ND
Pyrene	10		ND		ND
======== TIC =========					
2- Hexenal,(E)-	TIC				26
2-Butanone, 4-(Acetyloxy)-	TIC	В	120		
2-Pentanone, 4-Hydroxy-4-Met	TIC	В	30	В	23
3-Penten-2-One	TIC	В	19	В	14
Unknown @ 11.09	TIC		17		15
Unknown a 4.35	TIC		120		72

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : METALS MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION =====> SAMPLE NUMBER =====>	W01-07(A) MOF-54	W01-07(A) MOF-55
SAMPLE DATE ======> SAMPLE TYPE ======>	09/15/88	09/15/88 DUP
211111111111111111111111111111111111111	=========	

SAAFLE TIFE			DOF
=======================================	******		=======================================
	Quantitation		
COMPOUND NAME	Limits	Concentratio	n [All results in ug/L (ppb)]
	=========		
Aluminum	200	J 25	J 25.3
Antimony	60	88.9	86.9
Arsenic	10	ND<7	ND<7
Barium	200	J 16.9	J 16.8
Beryllium	5	ND<.6	ND<.6
Cadmium	5	ND	ND
Calcium	5000	31400	32500
Chromium	10	ND<5	ND<5
Cobalt	50	ND<5	ND<5
Copper	25	ND<4	ND<4
Iron	100	181	197
Lead	5	ND<30	ND<30
Magnesium	5000	93600	97000
Manganese	15	363	377
Mercury	.2	ND	ND
Nickel	40	ND<8	ND<8
Potassium	5000	17400	18100
Selenium	5	ND<300	ND<300
Silver	10	J 5.6	J 4.8
Sodium	5000	811000	842000
Thallium	10	ND<20	ND<20
Vanadium	50	ND<4	ND < 4
Zinc	20	J 4.9	J 4.3

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====> SAMPLE NUMBER ====>	W01-07(A) W01-07(A) MOF-54 MOF-55
SAMPLE DATE ======> SAMPLE TYPE =======>	09/15/88 09/15/88 DUP
Quantitation COMPOUND NAME Limits	Concentration [All results in mg/L (ppm)]

COLI COND MAIL	Limits	CORCINI at IOI THE LESUE		
	**********	******	=======================================	
Bicarbonate	1	690	680	
Carbonate	1	ND	ND	
Chloride	.1	27000	30000	
fluoride	.1	ND<80	ND<80	
Nitrate	.1	ND<8	ND<8	
Sulfate	.2	3600	4300	
TDS	1	>20000	>20000	

NA - Not Analyzed.

ID - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

AROCLOR-1260

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION	====>	W01-07(A)	W01-07(A)	
SAMPLE NUMBER	====>	MOF-54	MOF-55	
5,4,1,2,2,5,1,2	=====>	09/15/88	09/15/88	
SAMPLE TYPE ==	:=====>		DUP	
=======================================	22	=======================================		
COMPOUND NAME	Quantitation Limits	Concentrati	ion (All results	in ug/L (ppb)]
		Jone Circi at 1	on the results	ca, c (bbc)
	***********	==========	=======================================	cg, r (pps)1
AROCLOR-1016	.5	ND	ND	, og/ E (pp.//)
	***************************************	=======================================		ag/ E (ppa/)
AROCLOR-1016	.5	ND	ND	, 33/1 (Ppo/1
AROCLOR-1016 AROCLOR-1221	.5	ND ND	ND ND	, dg/2 (ppd/)
AROCLOR - 1016 AROCLOR - 1221 AROCLOR - 1232	.5 .5 .5	ND ND ND ND	ND ND ND ND	, cg/2 (pp0/1

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

ND

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====> SAMPLE NUMBER ====>	W01-07(A) MOF-54	W01-07(A) MOF-55
SAMPLE DATE ======>	09/15/88	09/15/88
SAMPLE TYPE =====>		DUP
		===========

	22222222	==========	====	=======		
	Quantitation					
COMPOUND NAME	Limits	Concentrati	on (A	ll results	in ug/L	(ppb)]
	*********	==========	====	=======		
1,1,1-Trichloroethane	5	ND		ND		
1,1,2,2-Tetrachloroethane	5	ND		ND		
1,1,2-Trichloroethane	5	ND		ND		
1,1-Dichloroethane	5	ND		ND		
1,1-Dichloroethene	5	ND		ND		
1,2-Dichloroethane	5	ND		ND		
1,2-Dichloroethenes(Total)	5	ND		ND		
1,2-Dichloropropane	5	ND		ND		
2-Butanone	10	ND		ND		
2-Hexanone	10	ND		ND		
4-Methyl-2-pentanone	10	ND		ND		
Acetone	10	ND		ND		
Benzene	5	ND		ND		
Bromodichloromethane	5	ND		ND		
Bromoform	5	ND		ND		
Bromomethane	10	ND		ND		
Carbon disulfide	5	ND		ND		
Carbon tetrachloride	5	ND		ND		
Chlorobenzene	5	ND		ND		
Chloroethane	10	ND		ND		
Chloroform	5	ND		ND		
Chloromethane	10	ND		ND		
Dibromochloromethane	5	ND		ND		
Ethyl benzene	5	ND		ND		
Methylene chloride	5	ND	В	5		
Styrene	5	ND ND	J	ND		
3 Cyr ene	,	NU		NU		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

PANEL : VOA MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO SAMPLE NUMBER	###### ###############################	W01-07(A) MOF-54	W01-07(A) MOF-55
JAN LL DAIL	:=\$1222 :2\$2222	09/15/88	09/15/88 DUP
COMPOUND NAME	Quantitation Limits		ion [All results in ug/L (ppb)]
Tetrachloroethene Toluene Total xylenes Trichloroethene Vinyl acetate Vinyl chloride cis-1,3-Dichloropropene trans-1,3-Dichloropropene	5 5 5 5 10 10 5 5	ND ND ND ND ND ND ND ND	ND ND ND ND ND ND ND ND ND

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contains Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-08(A) W01-08(A) SAMPLE NUMBER ====> W01-08(A) W01

SAMPLE TYPE ==	:=====>	09/13/00	00/11/00
	2222222222	==========	==========
	Quantitation		
COMPOUND NAME	Limits	Concentratio	on [All results in ug/L (ppb)]

			•
1,2 Dichlorobenzene	10	ND	ND
1,2,4-Trichlorobenzene	10	ND	ND
1,3 Dichlorobenzene	10	ND	ND ·
1,4 Dichlorobenzene	10	ND	ND
2 nitrophenol	10	ND	ND
2,4 Dimethylphenol	10	ND	ND
2,4,5-Trichlorophenol	50	ND	ND
2,4,6-Trichlorophenol	10	ND	ND
2,4-Dichlorophenol	10	ND	ND
2,4-Dinitrophenol	50	ND	ND
2,4-Dinitrotoluene	10	ND	ND
2,6-Dinitrotoluene	10	ND	ND
2-Chloronaphthalene	10	ND	ND
2-Chlorophenol	10	ND	ND
2-Methylnaphthalene	10	ND	ND
2-Methylphenol	10	ND	ND
2-Nitroaniline	50	ND	ND
3,31-Dichlorobenzidine	20	ND	ND
3-Nitroaniline	50	ND	ND
4,6-Dinitro-2-methylphenol	50	ND	ND
4-Bromophenyl phenyl ether	10	ND	ND
4-Chloro-3-methylphenol	10	ND	ND
4-Chloroaniline	10	ND	ND
4-Chlorophenyl phenyl ether	10	ND	ND
4-Methylphenol	10	ND	ND
4 rictify (priction		110	11 -

NA - Not Analyzed.

PANEL : BNA MATRIX: WATER

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

^{The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.}

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-08(A) W01-08(A) SAMPLE NUMBER =====> W01-08(A) W0F-9

SAMPLE DATE ======> 09/15/88 08/11/88

SAMPLE TYPE ======>

	0	A:A-A:				
COMPOUND NAME	Quantitation Limits	Concentration	[All results	in wa/L	(dag)	
		=======================================	==========		(FF-7.	
4-Nitroaniline	50	ND	ND		•	
4-Nitrophenol	50	ND	ND			
Acenaphthene	10	ND	ND			
Acenaphthylene	10	ND	ND			
Anthracene	10	ND	ND			
Benzo(a)anthracene	10	ND	ND			
Benzo(a)pyrene	10	ND	ND			
Benzo(b)fluoranthene	10	ND	ND			
Benzo(g,h,i)perylene	10	ND	ND			
Benzo(k)fluoranthene	10	ND	ND			
Benzoic acid	50	J 6	ND			
Benzyl Alcohol	10	ND	ND			
Bis(2-Chloroethoxy)methane	10	ND	ND			
Bis(2-Chloroethyl)ether	10	ND	ND			
Bis(2-Chloroisopropyl)ether	10	ND	ND			
Bis(2-Ethylhexyl)phthalate	10	ND	ND			
Butyl benzyl phthalate	10	ND	ND			
Chrysene	10	ND	ND			
Di-n-butylphthalate	10	ND	ND			
Di-n-octyl phthalate	10	ND	ND			
Dibenz(a,h)anthracene	10	ND	ND			
Dibenzofuran	10	ND	ND			
Diethylphthalate	10	ND	ND			
Dimethyl phthalate	10	ND	ND			
Fluoranthene	10	ND	ND			
Fluorene	10	ND	ND			

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-08(A) W01-08(A)
SAMPLE NUMBER =====> W01-08(A) W01-08(A)
MOF-9

SAMPLE DATE =======> 09/15/88 08/11/88
SAMPLE TYPE =======>

	**********	**********	=========	
	Quantitation			
COMPOUND NAME	Limits	Concentration	[All results in ug/L (ppb)]	
Hexach Lorobenzene	10	ND	ND	
Hexachlorobutadiene	10	ND	ND	
Hexachlorocyclopentadiene	10	ND	ND	
Hexachloroethane	10	ND	ND	
Indeno(1,2,3-c,d)pyrene	10	ND	ND	
Isophorone	10	ND	ND	
N-nitroso-dipropylamine	10	ND	ND	
N-nitrosodiphenylamine	10	ND	ND .	
Naphthalene	10	ND	ND	
Nitrobenzene	10	ND	ND	
Pentachlorophenol	50	ND	ND	
Phenanthrene	10	ND	ND	
Phenol	10	ND	ND	
Pyrene	10	ND	ND	
======== TIC ========				
2,6-Bis(1,1-Dimethylethyl)-4-	TIC		40	
2-Pentanone 4-Hydroxy-4-Met	TIC	78		
3-Pentaneone 4 Methyl	TIC	390		
3-Penten-2-one 4-Methyl	TIC	27		
Cyclohexane, chloro	TIC	18		
Cyclotrisiloxane, Hexamethyl	TIC	8.8		
Unknown @ 23.13	TIC		10	
Unknown a 25.62	TIC		20	
Unknown a 5.08	TIC	9.4		
Unknown a 5.20	TIC	8.8		
Unknown a 5.35	TIC	8.8		
Unknown a 6.32	TIC	13		
NA - Not Analyzed		.5	•	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.
Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-08(A) W01-08(A) SAMPLE NUMBER ====> W05-52 M0F-9

SAMPLE DATE ======> 09/15/88 08/11/88

SAMPLE TYPE ======>

Quantitation

COMPOUND NAME Limits Concentration [All results in ug/L (ppb)]

Unknown Hydrocarbon a 22.55 TIC 60

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS MATRIX: WATER

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-08(A) W01-08(A) SAMPLE NUMBER =====> W01-08(A) M0F-9

SAMPLE DATE ======> 09/15/88 08/11/88

SAMPLE TYPE =======>

	0				
COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/L (ppb)]	(ppb)]		
Aluminum	200	ND<100 639			
Antimony Arsenic	60 10	554 480 ND<25 J 6			
Barium	200	ND<25 J 6 J 64.9 J 111			
Beryllium	5	5.1 ND<.6			
Cadmium	5	42 ND			
Calcium	5000	370000 430000			
Chromium	10	157 ND<5			
Cobalt	50	69.6 J 6.9			
Copper	25	30.6 ND<4			
Iron	100	2070 2670			
Lead	5	ND<50 ND<15			
Magnes i um	5000	1590000 1570000			
Manganese	15	1420 1570			
Mercury	.2	.4 ND			
Nickel	40	121 ND<8			
Potassium	5000	378000 340000			
Selenium	5	ND<125 125			
Silver	10	29.2 64.6			
Sodium	5000	12100000 11700000			
Thallium	10	90 ND<20			
Vanadium	50	90.4 138			
Zinc	20	27.1 32.7			

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume 11: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

Report Generated: 12/09/88

NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-08(A) W01-08(A) SAMPLE NUMBER ====> W01-08(A) W0F-9

SAMPLE DATE ======> 09/15/88 08/11/88

SAMPLE TYPE ======>

COMPOUND NAME	Quantitation Limits	Concentrati	on [All results	in mg/L (ppm)]
Bicarbonate	1	1500	1500	
Carbonate	1	ND<1	ND	
Chloride	.1	26000	23000	
Fluoride	.1	ND<80	70	
Nitrate	.1	ND<5	ND<10	
Sulfate	.2	1400	1700	
TDS	1	>20000	>20000	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

 The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

AROCLOR-1232 AROCLOR-1242

AROCLOR - 1248 AROCLOR - 1254

AROCLOR-1260

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

....

ND

ND

NAS MOFFETT FIELD

SAMPLE LOCATION	====>	W01-08(A)	W01-08(A)	
SAMPLE NUMBER	====>	MOF-52	MOF-9	
ONNI CE DATE	=====>	09/15/88	08/11/88	
	=========			
	Quantitation			
COMPOUND NAME	Limits	Concentrati	ion [All results in ug/L (ppb)]	
*****************	=======================================	=======================================		
AROCLOR-1016	.5	ND	ND .	
AROCLOR - 1221	.5	ND	ND	

NA - Not Analyzed.

ID - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

ND

ND

ND

ND

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LÖCATI SAMPLE NUMBER			-08(A) 52	WO1	-08(A) -9
	======> ======>	09/	15/88	08/	11/88
		====		====	=======
	Quantitation				
COMPOUND NAME	Limits				ll results in ug/L (ppb)]
	= =====================================	====	========	====	=========
1,1,1-Trichloroethane	5		ND		ND
1,1,2,2-Tetrachloroethane	5		ND		ND
1,1,2-Trichloroethane	5		ND		ND
1,1-Dichloroethane	5		ND		ND
1,1-Dichloroethene	5		ND		ND
1,2-Dichloroethane	5		ND		ND
1,2-Dichloroethenes(Total)	5		ND		ND
1,2-Dichloropropane	5		ND		ND
2-Butanone	10		ND		ND
2-Hexanone	10		ND		ND
4-Methyl-2-pentanone	10		ND		ND
Acetone	10		ND	В	3
Benzene e	5		ND		ND
Bromodichloromethane	5		ND		ND
Bromoform	5		ND		ND
Bromomethane	10		ND		ND
Carbon disulfide	5		ND		ND
Carbon tetrachloride	5		ND		ND
Chlorobenzene	5		ND		ND
Chloroethane	10		ND		ND
Chloroform	5		ND		ND
Chloromethane	10		ND		ND
Dibromochloromethane	5		ND		ND
Ethyl benzene	5		ND		ND
Methylene chloride	5	В	13	В	2
Styrene	5		ND		ND

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-08(A) W01-08(A) SAMPLE NUMBER =====> W01-08(A) W0F-9

SAMPLE DATE ======> 09/15/88 08/11/88
SAMPLE TYPE =======>

COMPOUND NAME	Limits	Concentration [All results in ug/L (ppb)]			
Tetrachioroethene	E	MO	ND		
	2	ND	ND		
Toluene	5	ND	ND		
Total xylenes	5	ND	ND		
Trichloroethene	5	ND	ND		
Vinyl acetate	10	ND	ND		
Vinyl chloride	10	ND	ND		
cis-1,3-Dichloropropene	5	ND	ND		
trans-1,3-Dichloropropene	5	ND	ND		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL: BNA Report Generated: 12/09/88 MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

 SAMPLE LOCATION =====>
 W01-09(F)
 W01-09(F)

 SAMPLE NUMBER ====>
 M0F-12
 M0F-53

 SAMPLE DATE ======>
 08/12/88
 09/15/88

 SAMPLE TYPE ======>
 DUP

	==========	=======================================			
	Quantitation				
COMPOUND NAME	Limits	Concentration	n (All results	in ug/L	(ppb)]
	=========	=======================================	========		
1,2 Dichlorobenzene	10	ND<200	ND<40		
1,2,4-Trichlorobenzene	10	ND<200	ND<40		
1,3 Dichlorobenzene	10	ND<200	19		
1,4 Dichlorobenzene	10	ND<200	ND<40		
2 nitrophenol	10	ND<200	ND<40		
2,4 Dimethylphenol	10	ND<200	240		
2,4,5-Trichlorophenol	50	ND<1000	ND<200		
2,4,6-Trichlorophenol	10	ND<200	ND<40		
2,4-Dichtorophenol	10	ND<200	ND<40		
2,4-Dinitrophenol	50	ND<1000	ND<200		
2,4-Dinitrotoluene	10	ND<200	ND<40		
2,6-Dinitrotoluene	10	ND<200	ND<40		
2-Chloronaphthalene	10	ND<200	ND<40		
2-Chlorophenol	10	ND<200	ND<40		
2-Methylnaphthalene	10	ND<200	ND<40		
2-Methylphenol	10	ND<200	21		
2-Nitroaniline	50	ND<1000	ND<200		
3,31-Dichlorobenzidine	20	ND<400	ND<80		
3-Nitroaniline	50	ND<1000	ND<200		
4,6-Dinitro-2-methylphenol	50	ND<1000	ND<200		
4-Bromophenyl phenyl ether	10	ND<200	ND<40		
4-Chloro-3-methylphenol	10	ND<200	ND<40		
4-Chloroaniline	10	ND<200	ND<40		
4-Chlorophenyl phenyl ether	10	ND<200	ND<40		
4-Methylphenol	10	1900	6500		
• •					

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

^{8 -} The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

CAMPLE LOCATION ----

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

U01-00/EN

U01_00/EX

NAS MOFFETT FIELD

SAMPLE LOCATI	ON ====>	W01-09(F)	W01-09(F)
SAMPLE NUMBER	====>	MOF-12	MOF-53
SAMPLE DATE	======>	08/12/88	09/15/88
SAMPLE TYPE	******		DUP
=======================================		==========	* ******
	Quantitation		
COMPOUND NAME	Limits	Concentrat	ion [All results in ug/L (ppb)]
		=======================================	
4-Nitroaniline	50	ND<1000	ND<200
4-Nitrophenol	50	ND<1000	ND<200
Acenaphthene	10	ND<200	ND<40
Acenaphthylene	10	ND<200	ND<40
Anthracene	10	ND<200	ND<40
Benzo(a)anthracene	10	ND<200	ND<40
Benzo(a)pyrene	10	ND<200	ND<40
Benzo(b)fluoranthene	10	ND<200	ND<40
Benzo(g,h,i)perylene	10	ND<200	ND<40
Benzo(k)fluoranthene	10	ND<200	ND<40
Benzoic acid	50	1800	17000
Benzyl Alcohol	10	ND<200	ND<40
Bis(2-Chloroethoxy)methane	10	ND<200	ND<40
Bis(2-Chloroethyl)ether	10	ND<200	ND<40
Bis(2-Chloroisopropyl)ether	10	ND<200	ND<40
Bis(2-Ethylhexyl)phthalate	10	ND<200	ND<40
Butyl benzyl phthalate	10	ND<200	ND<40
Chrysene	10	ND<200	ND<40
Di-n-butylphthalate	10	ND<200	ND<40
Di-n-octyl phthalate	10	ND<200	ND<40
Dibenz(a,h)anthracene	10	ND<200	ND<40
Dibenzofuran	10	ND<200	ND<40
Diethylphthalate	10	ND < 200	ND<40
Dimethyl phthalate	10	ND<200	ND<40
Fluoranthene	10	ND<200	ND<40

NA - Not Analyzed.

fluorene

4D - This compound was not detected at or above the Quantitation Limit.

10

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

ND<200

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

ND<40

Report Generated: 12/09/88

PANEL : BNA MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION	/ ====>	W01-09(F)	W01-09(F)
SAMPLE NUMBER	====>	MOF-12	MOF-53
SAMPLE DATE ==	=====>	08/12/88	09/15/88
SAMPLE TYPE ==	*=====>		DUP
*======================================	**********	*==========	* **********
	Quantitation		
COMPOUND NAME	Limits	Concentrati	ion [All results in ug/L (ppb)]
******************	5252222522	*=*=======	
Hexachtorobenzene	10	ND<200	ND<40
Hexachlorobutadiene	10	ND<200	ND < 40
Hexachlorocyclopentadiene	10	ND<200	ND < 40
Hexachloroethane	10	ND<200	ND<40
Indeno(1,2,3-c,d)pyrene	10	ND<200	ND<40
Isophorone	10	ND<200	ND<40
N-nitroso-dipropylamine	10	ND<200	54
N-nitrosodiphenylamine	10	ND<200	19
Naphthalene	10	ND<200	ND < 40
Nitrobenzene	10	ND<200	ND < 40
Pentachlorophenol	50	ND<1000	ND < 200
Phenanthrene	10	ND<200	ND < 40
Phenol	10	28	98
Pyrene	10	ND<200	ND < 40
========= T1C =========			
2,5-Dimethyl-Benzenebutanoic	TIC	2000	
Benzeneacetic Acid	TIC	2000	
Benzeneacetic Acid @ 11.02	TIC		840
Benzeneacetic Acid @ 11.10	TIC		840
Benzenebutanoic Acid, 2,5-Di	TIC		610
Benzenepropanoic Acid	TIC	10000	
Benzenepropanoic Acid	TIC		1000
Benzoic Acid, Methyl Ester	TIC		1000
Butanoic Acid	TIC	10000	
Cyclohexanecarboxylic Acid	TIC		620
Formamide, N,N-Dimethyl-	TIC		1100
Hexanoic Acid	TIC	3000	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====>	W01-09(F) MOF-12	W01-09(F) M0F-53
	=====>	08/12/88	09/15/88 DUP
	2222222222	=======================================	
COMPOUND NAME	Quantitation Limits	Concentratio	n [All results in ug/L (ppb)]
Hexanoic Acid (Dot) @ 3.95	TIC		1200
Hexanoic Acid (Dot) @ 5.75	TIC		1700
Hexanoic Acid, 2-Methyl- @ 5.	TIC		1700
Pentanoic Acid	TIC	8000	
Pentanoic Acid @ 5.08	TIC		1500
Pentanoic Acid, 4-Methyl-26.3	TIC		720
Pentanoic Acid, 2-Methyl-a 6.2	TIC		590
Phenol,3-(2-Phenylethyl)-	TIC		650
Propanoic Acid, 2-Methyl-	TIC		1600
Pyrido[3,4-Dipyrimidin-4(3H)	TIC		560
Unknown a 17.90	TIC	400	
Unknown a 19.68	TIC		540
Unknown a 19.90	TIC		650
Unknown a 3.10	TIC		1700
Unknown ล 6.70	TIC	8000	
Unknown a 9.09	TIC		560

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : METALS MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION =====> SAMPLE NUMBER =====>	W01-09(F) MOF-12	W01-09(F) MOF-53
SAMPLE DATE ======>	08/12/88	09/15/88
SAMPLE TYPE ======>	- •	DUP

	Quantitation				
COMPOUND NAME	Limits	Concentratio	n [All results in ug/L (ppb)]		
	==========	=======================================	============		
Aluminum	200	J 5.9	J 11.9		
Antimony	60	ND<24	84.2		
Arsenic	10	11	ND<50		
Barium	200	J 51.3	317		
Beryllium	5	ND<.6	ND<.6		
Cadmium	5	ND	ND		
Calcium	5000	5620	28000		
Chromium	10	ND<5	ND<5		
Cobalt	50	ND<5	ND<5		
Copper	25	ND<4	ND < 4		
Iron	100	377	584		
Lead	5	ND<50	ND<50		
Magnesium	5000	19300	91800		
Manganese	15	ND<1	35.6		
Mercury	.2	ND	ND		
Nickel	40	ND<8	ND<8		
Potassium	5000	J 4850	17800		
Selenium	5	ND<250	ND<125		
Silver	10	ND<3	ND<3		
Sodium	5000	143000	751000		
Thallium	10	130	ND<50		
Vanadium	50	ND < 4	ND<4		
Zinc	20	ND<2	J 11.5		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

COMPOUND NAME	Quantitation Limits	Concentration	n [All results	sin mg/L	(ppm)]
	=======================================	=======================================			
Bicarbonate	1	2200	2600		
Carbonate	1	ND	ND		
Chloride	.1	32000	29000		
Fluoride	.1	140	ND<80		
Nitrate	.1	ND<10	ND<8		
Sulfate	.2	26	ND<6		
TDS	1	>20000	>20000		

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.
- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCAT Sample Numbe		W01-09(F) MOF-12	W01-09(F) MOF-53
SAMPLE DATE SAMPLE TYPE	======>	08/12/88	09/15/88 DUP
COMPOUND NAME	Quantitation Limits	Concentrat	= ====================================
AROCLOR-1016	.5	ND	ND<2.50
AROCLOR - 1221	.5	ND	ND<2.50
AROCLOR - 1232	.5	ND	ND<2.50
AROCLOR-1242	.5	ND	ND<2.50
AROCLOR-1248	.5	ND	ND<2.50
AROCLOR - 1254	1	ND	ND<5.00
AROCLOR - 1260	1	MD	ND<5 00

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-09(F) W01-09(F)
SAMPLE NUMBER =====> W01-09(F) M0F-12 M0F-53

SAMPLE DATE =======> 08/12/88 09/15/88
SAMPLE TYPE ======> DUP

_	uantitation										
COMPOUND NAME	Limits	Co	ncentration	[Al	l result:	s in ug/L	(ppb)]				
1,1,1-Trichloroethane	5		ND		ND						
1,1,2,2-Tetrachloroethane	5		ND		ND						
1,1,2-Trichloroethane	5		ND		ND						
1,1-Dichloroethane	5		ND		ND						
1,1-Dichloroethene	5		ND		ND						
1,2-Dichloroethane	5		ND		ND						
1,2-Dichloroethenes(Total)	5		ND		ND						
1,2-Dichloropropane	5		ND		ND						
2-Butanone	10		1000		120						
2-Hexanone	10		ND		ND						
4-Methyl-2-pentanone	10		220		24						
Acetone	10	В	1500		210						
Benzene	5		ND		ND						
Bromodichloromethane	5		ND		ND						
Bromoform	5		ND		ND						
Bromomethane	10		ND		ND						
Carbon disulfide	5		ND		ND						
Carbon tetrachloride	5		ND		ND						
Chlorobenzene	5		ND		ND						
Chloroethane	10		ND		ND						
Chloroform	5		ND		ND						
Chloromethane	10		ND		ND						
Dibromochloromethane	5		ND		ND						
Ethyl benzene	5		18		ND						
Methylene chloride	5	В	130	В	11						
Styrene	5		ND		ND						

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL: VOA Report Generated: 12/09/88 MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO)N ====>	W01-09(F)	W01-09(F)	
SAMPLE NUMBER	====>	MOF-12	MOF-53	
OMILE DATE	>	08/12/88	09/15/88	
SAMPLE TYPE =	=====>		DUP	
	Quantitation	==========		
COMPOUND NAME	Limits	Concentrat	ion [All results in ug/	L (pob)}
***********************		=========		- (FF-11
Tetrachloroethene	5	ND	ND	
Toluene	5	130	17	
Total xylenes	5	56	6	
Trichloroethene	5	ND	ND	
Vinyl acetate	10	ND	ND	
Vinyl chloride	10	ND	ND	
cis-1,3-Dichloropropene	5	ND	ND	

NA - Not Analyzed.

trans-1,3-Dichloropropene

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

ND

PANEL : BNA Report Generated: 12/09/88 MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-10(F) ₩01-10(F) MOF-48 SAMPLE NUMBER ====> MOF-13 SAMPLE DATE =====> 08/12/88 09/15/88 SAMPLE TYPE =====>

SMAFEE TIFE					
	**********	***********	==========		
	Quantitation				
COMPOUND NAME	Limits	Concentration	[All results	in ug/L	(ppb)]
	=======================================	**********			
4.5	••				
1,2 Dichlorobenzene	10	ND	ND<40		
1,2,4-Trichlorobenzene	10	ND	ND<40		
1,3 Dichlorobenzene	10	ND	ND<40		
1,4 Dichlorobenzene	10	ND	ND<40		
2 nitrophenol	10	ND	ND<40		
2,4 Dimethylphenol	10	ND	64		
2,4,5-Trichlorophenol	50	ND	ND<200		
2,4,6-Trichlorophenol	10	ND	ND<40		
2,4-Dichlorophenol	10	ND	ND<40		
2,4-Dinitrophenol	50	ND	ND<200		
2,4-Dinitrotoluene	10	ND	ND<40		
2,6-Dinitrotoluene	10	ND	ND<40		
2-Chloronaphthalene	10	ND	ND<40		
2-Chlorophenol	10	ND	ND<40		
2-Methylnaphthalene	10	ND	ND<40		
2-Methylphenol	10	ND	13		
2-Nitroaniline	50	ND	ND<200		
3,31-Dichlorobenzidine	20	ND	ND<80		
3-Nitroaniline	50	ND	ND<200		
4,6-Dinitro-2-methylphenol	50	ND	ND<200		
4-Bromophenyl phenyl ether	10	ND	ND<40		
4-Chloro-3-methylphenol	10	ND	ND<40		
4-Chloroaniline	10	ND	ND<40		
4-Chlorophenyl phenyl ether	10	ND	ND <40		
4-Methylphenol	10	ND	85		
4 nethytphenot	10	HU	0,5		

⁻ Not Analyzed.

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that IICs were detected in only some samples. As the IICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER	N ====> ====>	W01-10(F) M0F-13	W01-10(F) MOF-48
	\$25222> \$25222>	08/12/88	09/15/88
*******************	*========	=======================================	=======================================
	Quantitation		
COMPOUND NAME	Limits		on [All results in ug/L (ppb)]
	22223322222	===========	=======================================
4-Nitroaniline	50	ND	ND<200
4-Nitrophenol	50	ND	ND<200
Acenaphthene	10	ND	ND<40
Acenaphthylene	10	ND	ND <40
Anthracene	10	ND	ND < 40
Benzo(a)anthracene	10	ND	ND<40
Benzo(a)pyrene	10	ND	ND < 40
Benzo(b) fluoranthene	10	ND	ND <40
Benzo(g,h,i)perylene	10	ND	ND <40
Benzo(k)fluoranthene	10	ND	ND<40
Benzoic acid	50	ND	J 20
Benzyl Alcohol	10	ND	ND <40
Bis(2-Chloroethoxy)methane	10	ND	ND < 40
Bis(2-Chloroethyl)ether	10	ND	ND<40
Bis(2-Chloroisopropyl)ether	10	ND	ND<40
Bis(2-Ethylhexyl)phthalate	10	ND	В 23
Butyl benzyl phthalate	10	ND	ND<40
Chrysene	10	ND	ND < 40
Di-n-butylphthalate	10	ND	ND < 40
Di-n-octyl phthalate	10	ND	ND<40
Dibenz(a,h)anthracene	10	ND	ND < 40
Dibenzofuran	10	ND	ND < 40
Diethylphthalate	10	ND	ND<40
Dimethyl phthalate	10	ND	ND < 40
Fluoranthene	10	ND	ND <40
Fluorene	10	ND	ND < 40

⁻ Not Analyzed.

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION SAMPLE NUMBER	====>	W01-10(F) MOF-13	W01-10(F) MOF-48
SARFLE NORDER	/	HOI 13	HOI 40
SAMPLE DATE ==	252223>	08/12/88	09/15/88
SAMPLE TYPE ==	=====>		
******************	**********	=======================================	
	Quantitation		
COMPOUND NAME	Limits	Concentrati	on [All results in ug/L (ppb)]
	22222222222	**********	* ************
Hexachlorobenzene	10	ND	ND<40
Hexachlorobutadiene	10	ND	ND <40
Hexachlorocyclopentadiene	10	ND	ND<40
Hexachloroethane	10	ND	ND<40
Indeno(1,2,3-c,d)pyrene	10	ND	ND<40
Isophorone	10	ND	ND<40
N-nitroso-dipropylamine	10	ND	ND<40
N-nitrosodiphenylamine	10	ND	16
Naphthalene	10	ND	ND < 40
Nitrobenzene	10	ND	ND <40
Pentachlorophenol	50	ND	ND<200
Phenanthrene	10	ND	ND<40
Phenol	10	ND	ND<40
Pyrene	10	ND	ND<40
======================================			
1,3,3-Trimethylbicyclo[2.2.1]	TIC	20	
1,3,5-Cycloheptatriene	TIC		210
1,7,7-Trimethylbicyclo[2.2.1]	TIC	40	
2-Methylhexanoic acid	TIC	2	
2-Pentanone,4-Methyl- @ 1.75	TIC		86
2-Pentanone,4-Methyl- @ 1.85	TIC		93
2-Pentanone,4-Methyl- @ 1.93	TIC		1900
3,4-Dimethylbenzoic Acid	TIC	4	
3-Benzofurancarboxylic Acid,	TIC		65
3-Pentanone, 2, 4-Dimethyl-	TIC		64
5-Methyl-5 propylthiophene	TIC	4	
Acid-carborylic @ 10.02	TIC	9	

NA Not Analyzed. - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound. No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

PANEL : BNA MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

SAMPLE LOCATION #####> SAMPLE NUMBER #####>	W01-10(F) MOF-13	W01-10(F) M0F-48
SAMPLE DATE *******> SAMPLE TYPE ******>	08/12/88	09/15/88

SAMPLE TIPE			
=======================================	***********	=======================================	**********
	Quantitation		
COMPOUND NAME	Limits	Concentratio	n [Ali results in ug/L (ppb)]
	===========		=======================================
Acid-carborylic @ 7.17	TIC	7	
Acid-carborylic a 7.33	TIC	10	
Acid-carborylic @ 8.22	TIC	8	
Benzamide, N.N-Diethyl-3-Met	TIC		76
Benzenebutanoic Acid, 2,5-Di	TIC		100
Benzenepropanoic Acid	TIC	8	
Bicyclo[2.2.1] Heptan-2-One,	TIC		200
Dimethylbenzene isomer	TIC	20	
Formamide, N.N-Dimethyl-	TIC		380
N,N-Diethyl-3-methylbenzamide	TIC	8	
Octanoic Acid	TIC		150
Oxirane,(Butoxymethyl)-	TIC		80
Paraldehyde	TIC		66
Unknown a 10.13	TIC		53
Unknown a 11.35	TIC	9	-
Unknown a 11.68	TIC	40	
Unknown a 12.75	ŤIČ	5	
Unknown a 13.63	TIC	10	
Unknown a 13.94	TIC		130
Unknown & 14.12	TIC		66
Unknown a 14.72	ŤĬČ		57
Unknown a 24.74	TIC		54
Unknown a 6.72	TIC	20	•
Unknown a 6.72	TIC	10	
	TIC	10	110
Unknown a 8.74			56
Unknown a 8.87	TIC		טג

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-10(F) W01-10(F) M0F-48

SAMPLE DATE ======> 08/12/88 09/15/88

SAMPLE TYPE =======>

Quantitation

COMPOUND NAME Limits Concentration [All results in ug/L (ppb)]

Unknown Acid a 10.58 TIC 10

NA - Not Analyzed.

ID - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS Report Generated: 12/09/88 MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-10(F) W01-10(F) SAMPLE NUMBER ====> MOF-13 MOF-48 SAMPLE DATE ======> 08/12/88 09/15/88

SAMPLE TYPE =====>>

	222222 22222	************ **********
COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/L (ppb)]
Aluminum	200	387 J 5
Antimony	60	427 J 25.9
Arsenic	10	29.2 J 9
Barium	200	1060 J 66.1
Beryllium	5	ND<.6 ND<.6
Cadimium	5	ND ND
Calcium	5000	346000 12000
Chromium	10	ND<5 ND<5
Cobalt	50	ND<5 ND<5
Copper	25	ND<4 ND<4
tron	100	8290 ND<6
Lead	5	ND<30 ND<50
Magnesium	5000	488000 27800
Manganese	15	3600 J 8.9
Mercury	.2	ND ND
Nickel	40	78.8 ND<8
Potassium	5000	67500 J 4050
Selenium	5	ND<30 ND<50
Silver	10	29.9 ND<3
Sodium	5000	2190000 153000
Thallium	10	ND<20 ND<50
Vanadium	50	J 13 ND<4
Zinc	20	296 J 3.6

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL: MISC Report Generated: 12/09/88 MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-10(F) W01-10(F) SAMPLE NUMBER ====> W01-13 M0F-48

SAMPLE DATE ======> 08/12/88 09/15/88
SAMPLE TYPE ======>

COMPOUND NAME	Quantitation Limits	Concentration [All results in mg/L (ppm)		
Bicarbonate	1	NA	2100	
Carbonate	1	NA	ND	
Chloride	.1	4900	6800	
fluoride	.1	38	ND<20	
Nitrate	.1	4	ND<2	
Sulfate	.2	61	68	
TDS	1	10800	10000	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

AROCLOR - 1254 AROCLOR - 1260 Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

M01-10(F)

MO1-10(E)

ND

NAS MOFFETT FIELD

SAMPLE NUMBER	====>	MOF-13	MOF-48	
	:##### :######	08/12/88	09/15/88	
**********************	==========	=======================================		
COMPOUND NAME	Quantitation Limits	Concentrati	ion [All results in ug/L (pp	b)]
AROCLOR - 1016	.5	ND	ND .	
AROCLOR-1221	.5	ND	ND	
AROCLOR-1232	.5	ND	ND	
AROCLOR-1242	.5	ND	ND	
AROCLOR-1248	.5	ND	ND	

SAMPLE LOCATION =====>

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-10(F) W01-10(F) SAMPLE NUMBER ====> MOF - 13 MOF-48 SAMPLE DATE ======> 08/12/88 09/15/88 SAMPLE TYPE ======>

	********	====	=======	====	=======	
COMPOUND NAME	Quantitation Limits	Co	ncentratio	n [A	ll results in ug/L (pp	h)]
***************************************	**********		=======			~,,
1,1,1-Trichloroethane	5		ND		ND	
1,1,2,2-Tetrachloroethane	5		ND		ND	
1,1,2-Trichloroethane	5		ND		ND	
1,1-Dichloroethane	5		ND		ND	
1,1-Dichloroethene	5		ND		ND	
1,2-Dichloroethane	5		ND		ND	
1,2-Dichloroethenes(Total)	5		ND		ND	
1,2-Dichloropropane	5		ND		ND	
2-Butanone	10	В	49000		290	
2-Hexanone	10		ND		ND	
4-Methyl-2-pentanone	10		8300		ND	
Acetone	10	В	2700		ND	
Benzene	5		ND		ND	
Bromodichloromethane	5		ND		ND	
Bromoform	5		ND		ND	
Bromomethane	10		ND		ND	
Carbon disulfide	5		ND		ND	
Carbon tetrachloride	5		ND		ND	
Chlorobenzene	5		ND		ND	
Chloroethane	10		ND		ND	
Chloroform	5		ND		ND	
Chloromethane	10		ND		ND	
Dibromochloromethane	5		ND		ND	
Ethyl benzene	5		ND		ND	
Methylene chloride	5	В	1300	В	22	
Styrene	5		ND		ND	

⁻ Not Analyzed.

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	LOCATION ====>	W01-10(F)	W01-10(F)
	NUMBER ====>	MOF-13	M0F-48
SAMPLE SAMPLE		08/12/88	09/15/88

COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/L (ppb)]		
Tetrachloroethene	5	ND	ND	
Toluene	5	660	38	
Total xylenes	5	ND	9	
Trichloroethene	5	ND	ND	
Vinyl acetate	10	ND	ND	
Vinyl chloride	10	ND	ND	
cis-1,3-Dichloropropene	5	ND	ND	
trans-1,3-Dichloropropene	5	ND	ND	
========= TIC ========				
Ethyl ether	TIC		300	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL: BNA Report Generated: 12/09/88 MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-11(F) W01-11(F)
SAMPLE NUMBER =====> W01-11(F) W0F-58

SAMPLE DATE =======> 08/12/88 09/16/88
SAMPLE TYPE =======>

SWALE LINE ======>				
************	*********	=======================================	=======================================	
	Quantitation			
COMPOUND NAME	Limits	Concentration	<pre> [All results in ug/L (ppb)]</pre>	
	**********	**********		
1,2 Dichlorobenzene	10	ND	ND<20	
1,2,4-Trichlorobenzene	10	ND	ND<20	
1,3 Dichlorobenzene	10	ND	ND<20	
1,4 Dichlorobenzene	10	ND	ND<20	
2 nitrophenol	10	ND	ND<20	
2,4 Dimethylphenol	10	ND	370	
2,4,5-Trichlorophenol	50	ND	ND<100	
2,4,6-Trichlorophenol	10	ND	ND<20	
2,4-Dichlorophenol	10	ND	ND<20	
2,4-Dinitrophenol	50	ND	ND<100	
2,4-Dinitrotoluene	10	ND	ND<20	
2,6-Dinitrotoluene	10	ND	ND<20	
2-Chloronaphthalene	10	ND	ND<20	
2-Chlorophenol	10	ND	ND<20	
2-Methylnaphthalene	10	ND	J 5	
2-Methylphenol	10	ND	34	
2-Nitroaniline	50	ND	ND<100	
3,31-Dichtorobenzidine	20	ND	ND<40	
3-Nitroaniline	50	ND	ND<100	
4,6-Dinitro-2-methylphenol	50	ND	ND<100	
4-Bromophenyl phenyl ether	10	ND	ND<20	
4-Chloro-3-methylphenol	10	ND	ND<20	
4-Chloroaniline	10	ND	ND<20	
4-Chlorophenyl phenyl ether	10	ND	ND < 20	
4-Methylphenol	10	23	2300	
4 nethytphonot	10		2300	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

^{6 -} The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.
Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-11(F) W01-11(F) M0F-58

SAMPLE DATE ======> 08/12/88 09/16/88

SAMPLE TYPE ======>

		22 2222222222 22222222222			=======================================	========
	Quantitation					
COMPOUND NAME	Limits	Concentration	[All results in ug/L (ppb)]			
	=======================================	======================================				
4-Nitroaniline	50	***	NB :400			
	50	ND	ND<100			
4-Nitrophenol	50	ND	ND<100			
Acenaphthene	10	ND	ND<20			
Acenaphthylene	10	ND	ND<20			
Anthracene	10	ND	ND<20			
Benzo(a)anthracene	10	ND	ND<20			
Benzo(a)pyrene	10	ND	ND<20			
Benzo(b)fluoranthene	10	ND	ND<20			
Benzo(g,h,i)perylene	10	ND	ND<20			
Benzo(k)fluoranthene	10	ND	ND<20			
Benzoic acid	50	ND	ND<100			
Benzyl Alcohol	10	ND	ND<20			
Bis(2-Chloroethoxy)methane	10	ND	ND<20			
Bis(2-Chloroethyl)ether	10	ND	ND<20			
Bis(2-Chloroisopropyl)ether	10	ND	ND<20			
Bis(2-Ethylhexyl)phthalate	10	ND	ND<20			
Butyl benzyl phthalate	10	ND	ND<20			
Chrysene	10	ND	ND<20			
Di-n-butylphthalate	10	ND	ND<20			
Di-n-octyl phthalate	10	ND	ND<20			
Dibenz(a,h)anthracene	10	ND	ND<20			
Dibenzofuran	10	ND	ND<20			
Diethylphthalate	10	ND	22			
Dimethyl phthalate	10	ND	ND<20			
Fluoranthene	10	ND	ND<20			
fluorene	10					
r tuoi ene	10	ND	ND<20			

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that IICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

PANEL : BNA MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION	====>	W01-11(F)	W01-11(F)
SAMPLE NUMBER	====>	MOF-14	MOF-58
0, == 0,=	:====>	08/12/88	09/16/88
9/4 1 LL 11/1 L	:====>		
=======================================		=======================================	
	Quantitation		
COMPOUND NAME	Limits		ion [All results in ug/L (ppb)]
=======================================	**********	=======================================	* ==========
Hexach (orobenzene	10	ND	ND<20
Hexachlorobutadiene	10	ND	ND < 20
	10	ND	ND<20
Hexachlorocyclopentadiene Hexachloroethane	10	ND	ND < 20
	10	ND	ND < 20
Indeno(1,2,3-c,d)pyrene	10	ND	ND < 20
Isophorone N-nitroso-dipropylamine	10	ND	ND < 20
	10	25	ND<20
N-nitrosodiphenylamine	10	ND	14
Naphthalene Nitrobenzene	10	ND	ND < 20
Pentachlorophenol	50	ND	ND < 100
Phenanthrene	10	ND	ND < 700
Phenot	10	ND	87
	10	ND	ND < 20
Pyrene	10	NU	ND \ LO
1.3.3-Trimethylbicyclo(2.2.1)	TIC	10	
1,3-0xathiolane	TIC	10	250
1,7,7-Trimethylbicyclo[2.2.1]	TIC	30	250
2,2,-4-Trimethyl-3-cycloheren	TIC	10	
2,5-Dimethylbenzenebutanoic A	TIC	40	
3-Cyclohexene-1-Methanol,.A	TIC	40	230
Benzenebutanoic Acid,2,5-Di	TIC		1700
Benzoic Acid, 4-Methyl-	TIC		300
Bicyclo[2.2.1] Heptan-2-One	TIC		190
Cis-Terpin Hydrate	TIC		380
Cyclohexanol,4-(1-Methyleth	TIC		480
	TIC	20	700
Methylbenzoic Acid isomer	110	20	

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE NUMBER =====>	W01-11(F) MOF-14	W01-11(F) MOF-58
SAMPLE DATE =====> SAMPLE TYPE ======>	08/12/88	09/16/88

Quantitation Concentration [All results in ug/L (ppb)] COMPOUND NAME Limits ___________ Unk(Benzenediolderiv)@15.80 510 Unknown a 13.10 TIC 670 Unknown @ 13.19 TIC 680 Unknown @ 13.25 TIC 10 Unknown @ 14.03 TIC 970 Unknown a 14,24 TIC Unknown @ 14.32 TIC 1400 1900 Unknown a 14.64 TIC 930 Unknown @ 15.05 TIC 380 Unknown a 15.64 TIC 10 Unknown @ 15.78 TIC 340 Unknown @ 16.67 TIC Unknown a 17.95 TIC 30 Unknown @ 19.74 830 TIC Unknown @ 19.99 1400 TIC Unknown a 20.10 570 TIC Unknown a 23.58 TIC Unknown a 23.93 TIC Unknown @ 25.70 TIC 7 5 Unknown a 26.42 TIC Unknown @ 33.57 TIC Unknown Hydrocarbon @ 28.03 TIC Unknown Hydrocarbon @ 28.40 TIC Unknown Hydrocarbon a 29.47 TIC

Unknown Hydrocarbon a 30.50

Unknown Hydrocarbon @ 31.53

TIC

TIC

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LÓCATION =====> W01-11(F) W01-11(F)
SAMPLE NUMBER ====> M0F-14 M0F-58

SAMPLE DATE ======> 08/12/88 09/16/88 SAMPLE TYPE ======>

Quantitation
COMPOUND NAME Limits Concentration [All results in ug/L (ppb)]

Unknown Hydrocarbon @ 32.55 TIC 4

NA - Not Analyzed.

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ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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PANEL : METALS MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-11(F) W01-11(F)
SAMPLE NUMBER =====> W01-11(F) M0F-58

SAMPLE DATE ======> 08/12/88 09/16/88
SAMPLE TYPE ======>

	Quantitation		
COMPOUND NAME	Limits	Concentration	n [All results in ug/L (ppb)]
	=======================================	=======================================	
Aluminum	200	5520	J 46.1
Antimony	60	2390	114
Arsenic	10	19	ND<50
8arium -	200	4520	315
Beryllium	5	ND<.6	ND<.6
Cadmium	5	ND	ND
Calcium	5000	240000	11600
Chromium	10	405	ND<5
Cobalt	50	ND<5	ND<5
Copper	25	ND<4	ND<4
Iron	100	107000	J 8.3
Lead	5	91	ND<50
Magnesium	5000	1480000	124000
Manganese	15	1770	45.2
Mercury	.2	ND	ND
Nickel	40	310	ND<8
Potassium	5000	618000	56400
Selenium	5	ND<50	ND<250
Silver	10	757	ND<3
Sodium	5000	16400000	1680000
Thallium	10	ND<30	140
Vanadium	50	458	ND<4
Zinc	20	246	J 10.8
		2.10	• 1010

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

PANEL : MISC MATRIX: WATER

Sulfate

TDS

Results of Water Sample Analyses Site 1, Phase 1

30

>20000

ND<8

>20000

NAS MOFFETT FIELD

Quantitation Concentration [All results in mg/L (ppm)] COMPOUND NAME Limits _______ 2200 Bicarbonate ND Carbonate 48000 53000 Chloride 12 ND<80 Fluoride 20 ND<20 Nitrate

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

 The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====>	W01-11(F) MOF-14	W01-11(F) MOF-58
	::::::> ::::::>	08/12/88	09/16/88
COMPOUND NAME	Quantitation Limits	Concentrati	= ====================================
************************	***********	=========	* *****
AROCLOR-1016	.5	ND	ND
AROCLOR - 1221	.5	ND	ND
		NU NU	ND .
AROCLOR - 1232	.5	ND	ND
AROCLOR-1232	.5	ND	ND
AROCLOR - 1232 AROCLOR - 1242	.5 .5	ND ND	ND ND

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

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Report Generated: 12/09/88

PANEL : VOA MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ****> SAMPLE NUMBER ****>	W01-11(F) MOF-14	W01-11(F) MOF-58
SAMPLE DATE ======> SAMPLE TYPE ======>	08/12/88	09/16/88

SAMPLE ITPE ======>							
=======================================	**********	====		===:			
	Quantitation		_				
COMPOUND NAME	Limits	Co	ncentration	[Al	ll results	in ug/L	(ppb)]
*********************	=======================================	====	=======================================	===:	=======		
	_						
1,1,1-Trichloroethane	5		ND		ND		
1,1,2,2-Tetrachloroethane	5		ND		ND		
1,1,2-Trichloroethane	5		ND		ND		
1,1-Dichloroethane	5		ND		ND		
1,1-Dichloroethene	5		ND		MD		
1,2-Dichloroethane	5		ND		ND		
1,2-Dichloroethenes(Total)	5		ND		ND		
1,2-Dichloropropane	5		ND		ND		
2-Butanone	10		ND		ND		
2-Hexanone	10		ND		ND		
4-Methyl-2-pentanone	10		84		16		
Acetone	10	В	95 0		180		
Benzene	5		9		ND		
Bromodichloromethane	5		ND		ND		
Bromoform	5		ND		ND		
Bromomethane	10		ND		ND		
Carbon disulfide	5		ND		ND		
Carbon tetrachloride	5		ND		ND		
Chlorobenzene	5		ND		ND		
Chloroethane	10		ND		ND		
Chloroform	5		ND		ND		
Chloromethane	10		ND		ND		
Dibromochloromethane	5		ND		ND		
Ethyl benzene	5		11		ND		
Methylene chloride	Ś	В	47	B	22		
•	5	3	ND	_	ND		
Styrene	,		110		,,,,		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume 11: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-11(F) W01-11(F)
SAMPLE NUMBER ====> W01-14 M0F-58

SAMPLE DATE =======> 08/12/88 09/16/88
SAMPLE TYPE =======>

COMPOUND NAME	Quantitation Limits	Concentratio	on [All results in ug/L (ppb)]
Tetrachloroethene	5	ND	ND
Toluene	5	340	67
Total xylenes	5	47	ND
Trichloroethene	5	ND	ND
Vinyl acetate	10	ND	ND
Vinyl chloride	10	ND	ND
cis-1,3-Dichloropropene	5	ND	ND
trans-1,3-Dichloropropene	5	ND	ND

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL: BNA Report Generated: 12/09/88 MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-12(A)
SAMPLE NUMBER =====> MOF-60

SAMPLE DATE ======> 09/19/88 SAMPLE TYPE ======>

	Quantitation					
COMPOUND NAME	Limits	Concentration	[All	results	in ug/L	(ppb)]
******************	=======================================	**********				
1.2 Dishlanshamana	10	ND				
1,2 Dichlorobenzene	10	ND				
1,2,4-Trichlorobenzene	10	ND ND				
1,3 Dichlorobenzene		ND ND				
1,4 Dichlorobenzene	10					
2 nitrophenol	10	NO				
2,4 Dimethylphenol	10	ND				
2,4,5-Trichlorophenol	50	ND				
2,4,6-Trichlorophenol	10	ND				
2,4-Dichlorophenol	10	ND				
2,4-Dinitrophenol	50	ND				
2,4-Dinitrotoluene	10	ND				
2,6-Dinitrotoluene	10	ND				
2-Chloronaphthalene	10	ND				
2-Chlorophenol	10	ND				
2-Methylnaphthalene	10	ND				
2-Methylphenol	10	ND				
2-Nitroaniline	50	ND				
3,31-Dichlorobenzidine	20	ND				
3-Nitroaniline	50	ND				
4.6-Dinitro-2-methylphenol	50	ND				
4-Bromophenyl phenyl ether	10	ND				
4-Chloro-3-methylphenol	10	ND				
4-Chloroaniline	iŏ	ND				
4-Chlorophenyl phenyl ether	10	ND				
	10	ND				
4-Methylphenol	10	NU				

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-12(A) SAMPLE NUMBER ====> M0F-60

SAMPLE DATE ======> 09/19/88 SAMPLE TYPE ======>

COMPOUND NAME	Quantitation Limits	Concentration	(Al l	results	in ug/L	(ppb)]
4-Nitroaniline	50	ND				
4-Nitrophenol	50	ND				
Acenaph thene	10	ND				
Acenaphthylene	10	ND				
Anthracene	10	ND				
Benzo(a)anthracene	10	ND				
Benzo(a)pyrene	10	ND				
Benzo(b)fluoranthene	10	ND				
Benzo(g,h,i)perylene	10	ND				
Benzo(k)fluoranthene	10	ND				
Benzoic acid	50	ND				
Benzyl Alcohol	10	ND				
Bis(2-Chloroethoxy)methane	10	ND				
Bis(2-Chloroethyl)ether	10	ND				
Bis(2-Chloroisopropyl)ether	10	ND				
Bis(2-Ethylhexyl)phthalate	10	J 4				
Butyl benzyl phthalate	10	ND				
Chrysene	10	ND				
Di-n-butylphthalate	10	ND				
Di-n-octyl phthalate	10	ND				
Dibenz(a,h)anthracene	10	ND				
Dibenzofuran	10	ND				
Diethylphthalate	10	ND				
Dimethyl phthalate	10	ND				
Fluoranthene	10	ND				
fluorene	10	ND				

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-12(A)
SAMPLE NUMBER =====> M0F-60

SAMPLE DATE ======> 09/19/88
SAMPLE TYPE ======>

	Quantitation	
COMPOUND NAME	Limits	Concentration [All results in ug/L (ppb)]
************************		=======================================
Hexach Lorobenzene	10	ND .
Hexachlorobutadiene	10	ND
Hexachlorocyclopentadiene	10	ND .
Hexachloroethane	10	ND
Indeno(1,2,3-c,d)pyrene	10	ND
Isophorone	10	ND
N-nitroso-dipropylamine	10	ND
N-nitrosodiphenylamine	10	ND
Naphthalene	10	ND
Nitrobenzene	10	ND
Pentachlorophenol	50	ND
Phenanthrene	10	ND
Phenol	10	ND
Pyrene	10	ND

NA - Not Analyzed.

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ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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the specified detection limit but greater than zero.

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PANEL : METALS MATRIX: WATER

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-12(A)
SAMPLE NUMBER ====> MOF-60

SAMPLE DATE =====> 09/19/88 SAMPLE TYPE =====>

COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/L (ppb)]
Aluminum	200	1840
Antimony	60	1610
Arsenic	10	ND < 25
Barium	200	407
Beryllium	5	ND<.6
Cadinium	5	5.2
Calcium	5000	457000
Chromium	10	41.1
Cobalt	50	ND<5
Copper	25	41.1
Iron	100	10200
Lead	5	ND<50
Magnes i um	5000	1510000
Manganese	15	4000
Mercury	.2	ND
Nickel	40	44.7
Potassium	5000	361000
Selenium	5	ND<125
Silver	10	276
Sodium	5000	11000000
Thallium	10	90
Vanadium	50	152
Zinc	20	65.5

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-12(A)
SAMPLE NUMBER =====> M0F-60

SAMPLE DATE ======> 09/19/88
SAMPLE TYPE ======>

Quantitation Limits	Concentration	[All	results	in mg/L	(ppm)]
1	1300				
1	ND				
.1	25000				
.1	ND<80				
.1	ND<10				
.2	2100				
1	> 20000				
	Limits 1 1 .1 .1 .1	Limits Concentration 1 1300 1 ND .1 25000 .1 ND<80 .1 ND<10 .2 2100	Limits Concentration [All servers] 1 1300 1 ND .1 25000 .1 ND<80 .1 ND<10 .2 2100	Limits Concentration [All results ### 25000	Limits Concentration [All results in mg/L

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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the specified detection limit but greater than zero.
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Unknown a 9.07 indicates the retention time for the unknown compound.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-12(A) SAMPLE NUMBER ====> MOF-60

SAMPLE DATE =====> 09/19/88 SAMPLE TYPE =====>

		=========					
COMPOUND	NAME	Quantitation Limits	Concentration	[ALL	results	in ug/L	(ppb)]
AROCLOR-1016		.5	ND				
AROCLOR - 1221		.5	ND				
AROCLOR - 1232		.5	ND				
AROCLOR - 1242		.5	ND				
AROCLOR-1248		.5	ND				
AROCLOR-1254		1	ND				
AROCLOR-1260		1	ND				

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

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- The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

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Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-12(A)
SAMPLE NUMBER =====> M0F-60

SAMPLE DATE ======> 09/19/88
SAMPLE TYPE ======>

	Quantitation	***
COMPOUND NAME	Limits	Concentration [All results in ug/L (ppb)]
***********************	=======================================	22222222222
1,1,1-Trichloroethane	5	ND .
1,1,2,2-Tetrachloroethane	Š	ND
1,1,2-Trichloroethane	Ś	ND
1,1-Dichloroethane	ś	ND
1,1-Dichloroethene	Ś	ND
1,2-Dichloroethane	ś	ND
1,2-Dichloroethenes(Total)	Ś	ND
1,2-Dichloropropane	5	ND
2-Butanone	10	ND
2-Hexanone	10	ND
4-Methyl-2-pentanone	10	ND
Acetone	10	ND
Benzene	5	ND
Bromodichloromethane	5	ND
Bromoform	Ś	ND
Bromomethane	10	ND
Carbon disulfide	5	ND
Carbon tetrachloride	5	ND
Chlorobenzene	5	ND
Chloroethane	10	ND
Chloroform	5	ND
Chloromethane	10	ND
Dibromochloromethane	5	ND
Ethyl benzene	5	ND
Methylene chloride	5	ND
Styrene	5	ND

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-12(A)
SAMPLE MUMBER =====> M0F-60

SAMPLE DATE =======> 09/19/88
SAMPLE TYPE ======>

COMPOUND NAME	Quantitation Limits	Concentration	[All	r e sul ts	in ug/L	(ppb)]
		=======================================				
Tetrachloroethene	5	ND			٠	
Toluene	5	ND				
Total xylenes	5	ND				
Trichloroethene	5	ND				
Vinyl acetate	10	ND				
Vinyl chloride	10	ND				
cis-1,3-Dichloropropene	5	ND				
trans-1,3-Dichloropropene	5	ND				

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOÇATION SAMPLE NUMBER	====>	W01-13(F) MOF-31	W01-13(F) MOF-32	W01-13(F) MOF-56
ONN'EL DATE	======>	08/19/88	08/19/88 DUP	09/16/88
COMPOUND NAME	Quantitation Limits		 n [All results	in ug/L (ppb))
1,2 Dichlorobenzene 1,2,4-Trichlorobenzene 1,3 Dichlorobenzene 1,4 Dichlorobenzene 2 nitrophenol 2,4 Dimethylphenol 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene 2-Methylnaphthalene 2-Methylphenol 2-Nitroaniline 3,3'-Dichlorobenzidine 3-Nitroaniline	10 10 10 10 10 10 50 10 10 10 10 10 10 10 20	ND ND 12 ND	ND ND ND S5 ND	ND < 40 ND < 40 ND < 40 ND < 40 21 ND < 40 ND < 40 ND < 200 ND < 40 ND < 200 ND < 40 ND < 200 ND < 80 ND < 80 ND < 80
4,6-Dinitro-2-methylphenol 4-Bromophenyl phenyl ether 4-Chloro-3-methylphenol 4-Chloroaniline 4-Chlorophenyl phenyl ether 4-Methylphenol	50 50 10 10 10 10	ND ND ND ND NO ND	ND ND ND ND ND ND ND	ND<200 ND<200 ND<40 ND<40 ND<40 ND<40

NA - Not Analyzed.

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the specified detection limit but greater than zero.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO SAMPLE NUMBER	W ====> ====>	W01-13(F) MOF-31	W01-13(F) MOF-32	W01-13(F) MOF-56
SAMPLE DATE = SAMPLE TYPE =	======> ======>	08/19/88	08/19/88 DUP	09/16/88
	=======================================	=========	=======================================	
	Quantitation			
COMPOUND NAME	Limits	Concentrati	on [All result	ts in ug/L (ppb)]
4-Nitroaniline	50	ND	ND	ND<200
4-Nitrophenol	50	ND	ND	ND<200
Acenaphthene	10	ND	ND	ND<40
Acenaphthylene	10	ND	ND	ND<40
Anthracene	10	ND	ND	ND<40
Benzo(a)anthracene	10	ND	ND	ND<40
Benzo(a)pyrene	10	ND	ND	ND<40
Benzo(b)fluoranthene	10	ND	ND	ND<40
Benzo(g,h,i)perylene	10	ND	ND	ND<40
Benzo(k)fluoranthene	10	ND	ND	ND<40
Benzoic acid	50	ND	ND	J 37
Benzyl Alcohol	10	ND	ND	ND<40
Bis(2-Chloroethoxy)methane	10	ND	ND	ND<40
Bis(2-Chloroethyl)ether	10	ND	ND	ND<40
Bis(2-Chloroisopropyl)ether	10	ND	ND	ND<40
Bis(2-Ethylhexyl)phthalate	10	31	19	ND<40
Butyl benzyl phthalate	10	ND	ND	ND<40
Chrysene	10	ND	ND	ND<40
Di-n-butylphthalate	10	ND	ND	ND<40
Di-n-octyl phthalate	10	ND	ND	ND<40
Dibenz(a,h)anthracene	10	ND	ND	ND<40
Dibenzofuran	10	ND	ND	ND<40
Diethylphthalate	10	ND	ND	ND<40
Dimethyl phthalate	10	ND	ND	ND<40
Fluoranthene	10	ND	ND	ND<40
fluorene	10	ND	ND	ND<40

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	=====>	W01-13(F) MOF-31	W01-13(F) MOF-32		I-13(F) 56
0/0 22 0/112	=====>	08/19/88	08/19/88	09/	16/88
0/4 // 22 1112	=====>		DUP		
		=========		====	=======
COMPONIES MANE	Quantitation				
COMPOUND NAME	Limits	Concentratio	n [All results		
				====	
Hexachlorobenzene	10	ND	ND	ND	<40
Hexachlorobutadiene	10	ND	ND	ND	<40
Hexachlorocyclopentadiene	10	ND	ND	ND	<40
Hexach Loroethane	10	ND	ND	ND	<40
Indeno(1,2,3-c,d)pyrene	10	ND	ND	ND	<40
Isophorone	10	ND	ND	ND	<40
N-nitroso-dipropylamine	10	ND	ND	ND	<40
N-nitrosodiphenylamine	10	ND	ND		14
Naphthalene	10	ND	ND	ND	<40
Nitrobenzene	10	ND	ND	ND	<40
Pentachlorophenol	50	ND	ND	ND	<200
Phenanthrene	10	ND	ND	ND	<40
Phenol	10	ND	ND	ND	<40
Pyrene	10	ND	ND	ND	<40
TIC					
1,3-Oxathiolane	TIC				79
1-[2-(2-Methoxy-1-Methylethox	TIC	600	1300		
2(3H)-Benxothiazolone	TIC				78
2(3H)-Benzothiazolone	TIC		70		
2-Butanone,4-(Acetyloxy)	TIC			В	39
2-Butoxyethanol Phosphate (3.	TIC		50		
2-Pentanone, 4-Hydroxy-4-Met	TIC			В	38
2-Propanol,1-(2-Methoxy-1-M	TIC				43
2-Propanol, 1-[2-(2-Methoxy	TIC				200
3-Pentanone, 2, 4-Dimethyl	TIC				110
Benzamide, N, N-Diethyl-3-Met	TIC				260
N, N-Diethyl-3-Methyl-Benzamid	TIC	300	500		
NA - Not Analyzed.					

NA NOL Anatyzed.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====>	W01-13(F) MOF-31	W01-13(F) M0F-32	W01-13(F) MOF-56
	=====>	08/19/88	08/19/88 DUP	09/16/88
***********	**********	=======================================		==========
COMPONING NAME	Quantitation			
COMPOUND NAME	Limits	Concentration	n [All results	in ug/L (ppb)]
N,N-Dimethyl-Alpha-Phenyl-Ben	TIC	60		
UNknown a 27.41	TIC		50	
Unknown a 11.28	TIC	300		
Unknown a 11.55	TIC			110
Unknown a 13.53 Unknown a 14.10	TIC TIC		50	£ 7
Unknown @ 15.13	TIC		30	53
Unknown 9 15.14	TIC	20	30	
Unknown @ 15.45	TIC	20		
Unknown @ 16.77	ŤÍČ			70
Unknown a 17.30	TIC	100		, •
Unknown a 18.33	TIC		20	
Unknown a 19.00	TIC	20		
Unknown a 19.24	TIC		20	
Unknown a 20.50	TIC		30	
Unknown a 20.90	TIC	70		55
Unknown a 21.11 Unknown a 21.30	TIC	30		470
Unknown a 21.30 Unknown a 22.80	TIC TIC			130 82
Unknown a 23.06	TIC	70		02
Unknown a 23.32	TIC	70	70	
Unknown a 23.59	TIC	70	70 70	
Unknown a 25.48	TIC		60	
Unknown a 26.16	TIC	70	••	
Unknown a 26.46	TIC	. 3	50	
Unknown a 27.10	TIC	70		

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO	OM ====>	W01-13(F)	W01-13(F)	W01-13(F)
SAMPLE NUMBER	ZZZZZ>	MOF-31	MOF - 32	
SANFEL NUMBER		MOL-21	MOL-35	MOF-56
	======> ======>	08/19/88	08/19/88 DUP	09/16/88
=======================================			= ============	
COMPOUND NAME	Quantitation Limits	Concentrat	ion [All resul	ts in ug/L (ppb)]
Unknown a 27.13	TIC		50	
Unknown a 28.07	TIC		40	
Unknown a 28.33	TIC	60		
Unknown @ 28.35	TIC		50	
Unknown a 29.03	TIC		50	
Unknown a 29.29	TIC	50	30	
Unknown a 29.30	ŤĬĊ	30	50	
Unknown @ 30.22	TIC		90	
Unknown @ 32.45	ŤÍC	20	,,	
Unknown @ 33.48	TIC	40		
Unknown a 7.42	TIC	40		49
Unknown Hydrocarbon a 28.05	TIC	60		77
Unknown Hydrocarbon a 29.59	TIC	50		
Unknown Hydrocarbon a 30.35	TIC	70		

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PANEL : METALS MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	SAMPLE LOCATION SAMPLE NUMBER	====>	W01-13(F) MOF-31	W01-13(F) M0F-32	W01-13(F) MOF-56
		=====> =====>	08/19/88	08/19/88 DUP	09/16/88
===========	=======================================	=======================================	=========	******	=======================================
201120111	ID 114145	Quantitation			
COMPOUN		Limits			sinug/L(ppb)]
			=========		
Aluminum		200	704	573	ND<5
Antimony		60	627	518	J 30
Arsenic		10	ND<30	ND<50	J 7
Barium		200	994	981	J 39.5
Beryllium		5	5.9	ND<.6	ND<.6
Cadmium		5	ND	ND	ND
Calcium		5000	213000	227000	12600
Chromium		10	ND<5	ND<5	ND<5
Cobalt		50	J 15.6	ND<5	ND<5
Copper		25	ND<4	ND<4	ND<4
Iron		100	2290	5000	J 12.2
Lead		5	ND<15	ND<15	ND<50
Magnes i um		5000	582 000	554000	39700
Manganese		15	410	410	26.7
Mercury		.2	ND	ND	ND
Nickel		40	115	129	ND<8
Potassium		5000	191000	186000	14400
Selenium		5	ND<50	ND<50	ND<50
Silver		10	ND<3	47.1	J 3
Sodium		5000	4820000	4470000	359000
Thallium		10	ND	ND	ND<50
Vanadium		50	J 13.4	J 10.6	ND<4
Zinc		20	99.5	97	J 3.2

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Report Generated: 12/09/88

PANEL : MISC MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO		W01-13(F)	W01-13(F)	W01-13(F)
SAMPLE NUMBER	====>	MOF-31	MOF-32	MOF-56
SAMPLE DATE :	======>	08/19/88	08/19/88	09/16/88
SAMPLE TYPE	======>	* -	DUP	
		=========		: ==========
	Quantitation			
COMPOUND NAME	Limits	Concentrati	on fall result	s in mg/L (ppm)]
COMPOUND NAME	Limits	CORCETTIALI	OII LACC TESUC	s in mate (ppints
	= ===========	=========	. ========	=======================================
Bicarbonate	1	2500	2500	2400
Carbonate	1	ND	ND	ND
Chloride	.1	7600	<i>7</i> 500	15000
Fluoride	4	27	160	ND<40
	• 1			
Nitrate	.1	ND<4	ND<4	ND<4
Sulfate	.2	160	160	620
			16580	>20000

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

_				
SAMPLE LOCATION	====>	W01-13(F)	W01-13(F)	W01-13(F)
SAMPLE NUMBER	*====>	MOF-31	MOF-32	MOF-56
0/0// EL D///E	:=::::>	08/19/88	08/19/88 DUP	09/16/88
**********************	Quantitation	=======================================	=======================================	
COMPOUND NAME	Limits	Concentrati	on [All result	s in ug/L (ppb)]
**********************	=======================================	==========	=======================================	=======================================
AROCLOR-1016	.5	ND	ND	ND
AROCLOR-1221	.5	ND	ND	ND
AROCLOR-1232	.5	ND	ND	ND
AROCLOR-1242	.5	ND	ND	ND
AROCLOR-1248	.5	ND	ND	ND
AROCLOR-1254	1	ND	ND	ND
AROCLOR-1260	1	ND	ND	ND

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATI SAMPLE NUMBER			-13(F) -31		-13(F) -32	WO1 MOF	-13(F) -56
SAMPLE DATE	3333333>	08/	19/88		19/88	09/	16/88
SAMPLE TYPE	======>			DUP			
		====	=======	= ====	======	= ====	
20110011110 111111	Quantitation	_					
COMPOUND NAME	Limits	Co	ncentrat	100 LA	ll resul	ts in	ug/L (ppb)]
1,1,1-Trichloroethane	5		ND		ND		ND -
1,1,2,2-Tetrachloroethane	5 5		ND		ND		ND
1,1,2-Trichloroethane	5		ND		ND		ND
1,1-Dichloroethane	5		ND		ND		ND
1,1-Dichloroethene	5		ND		ND		ND
1,2-Dichloroethane	5		ND		ND		ND
1,2-Dichloroethenes(Total)	5		2		ND		ND
1,2-Dichloropropane	5		ND		ND		ND
2-Butanone	10		ND		ND		ND
2-Hexanone	10		ND		ND		ND
4-Methyl-2-pentanone	10		ND		ND		ND
Acetone	10	В	12	В	16		14
Benzene	5	J	3	J	3		ND
Bromodichloromethane	5		ND		ND		ND
Bromoform	5		ND		ND		ND
Bromomethane	10		ND		ND		ND
Carbon disulfide	5		ND		ND		ND
Carbon tetrachloride	5		ND		ND		ND
Chlorobenzene	5		ND		ND		ND
Chloroethane	10		ND		ND		ND
Chloroform	5		ND		ND		ND
Chloromethane	10		ND		ND		ND
Dibromochloromethane	5		ND		ND		ND
Ethyl benzene	5	_	8	_	9		6
Methylene chloride	5	В	6	В	3	В	22
Styrene	5		ND		ND		ND

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO SAMPLE NUMBER SAMPLE DATE = SAMPLE TYPE =	W ====>	W01-13(F) M0F-31 08/19/88	W01-13(F) M0F-32 08/19/88 DUP	W01-13(F) M0F-56 09/16/88
COMPOUND NAME	Quantitation Limits	Concentrat	ion [All result	s in ug/L (ppb))
Tetrachloroethene Toluene Total xylenes Trichloroethene Vinyl acetate	5 5 5 10	ND J 2 10 ND ND	ND J 2 11 ND ND	ND ND ND ND
Vinyl chloride cis-1,3-Dichloropropene trans-1,3-Dichloropropene ===================================	10 5 5	ND ND ND	ND ND ND	ND ND ND
1,3-Oxathiolane 2,4-Dimethyl-3-Pentanone 2,4-Dimethyl-3-pentanone Ethyl ether	TIC TIC TIC TIC	40	6 50	50 40
Trimethyl Silanol Unknown a 6.30 Unknown a 6.37 Unknown a 7.23	TIC TIC TIC TIC	10 30	10 30	10 10

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> JAGEL SLOUGH-1JAGEL SLOUGH-1
SAMPLE NUMBER =====> 08/16/88 08/16/88
SAMPLE TYPE =======>
Quantitation
POUND NAME Limits Concentration [All results in

SAMPLE TIPE			
=======================================	=======================================	======================================	=======================================
	Quantitation		
COMPOUND NAME	Limits	Concentration	[All results in ug/L (ppb)]
=======================================	============	=======================================	
1,2 Dichlorobenzene	10	ND	NA
1,2,4-Trichlorobenzene	10	ND	NA
1,3 Dichlorobenzene	10	ND	NA
1,4 Dichlorobenzene	10	ND	NA
2 nitrophenol	10	ND	NA
2,4 Dimethylphenol	10	ND	NA
2,4,5-Trichlorophenol	50	ND	NA
2,4,6-Trichlorophenol	10	ND	NA
2,4-Dichlorophenol	10	ND	NA
2,4-Dinitrophenol	50	ND	NA
2,4-Dinitrotoluene	10	ND	NA
2,6-Dinitrotoluene	10	ND	NA
2-Chloronaphthalene	10	ND	NA
2-Chlorophenol	10	ND	NA
2-Methylnaphthalene	10	ND	NA
2-Methylphenol	10	ND	NA
2-Nitroaniline	50	ND	NA
3,31-Dichlorobenzidine	20	ND	NA
3-Nitroaniline	50	ND	NA
4,6-Dinitro-2-methylphenol	50	ND	NA
4-Bromophenyl phenyl ether	10	ND	NA
4-Chloro-3-methylphenol	10	ND	NA
4-Chloroaniline	10	ND	NA
4-Chlorophenyl phenyl ether	10	ND	NA .
4-Methylphenol	10	ND	NA
4 methy (phenot	10	NO	

NA - Not Analyzed.

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ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====> ====>	JAGEL SLOUGH- MOF-15	1JAGEL SLOUGH-1 MOF-19
ON ILL DATE	:====>	08/16/88	08/16/88
SAMPLE TYPE ==	=====>		
	Quantitation		
COMPOUND NAME	Limits	Concentration	on [All results in ug/L (ppb)]

4-Nitroaniline	50	ND	NA
4-Nitrophenol	50	ND	NA
Acenaphthene	10	ND	NA .
Acenaphthylene	10	ND	NA
Anthracene	10	ND	NA
Benzo(a)anthracene	10	ND	NA
Benzo(a)pyrene	10	ND	NA
Benzo(b)fluoranthene	10	ND	NA
Benzo(g,h,i)perylene	10	ND	NA
Benzo(k)fluoranthene	10	ND	HA
Benzoic acid	50	ND	NA
Benzyl Alcohol	10	ND	NA
Bis(2-Chloroethoxy)methane	10	ND	NA
Bis(2-Chloroethyl)ether	10	ND	NA
Bis(2-Chloroisopropyl)ether	10	ND	NA
Bis(2-Ethylhexyl)phthalate	10	J 3	NA
Butyl benzyl phthalate	10	ND	NA
Chrysene	10	ND	NA
Di-n-butylphthalate	10	ND	NA
Di-n-octyl phthalate	10	ND	NA
Dibenz(a,h)anthracene	10	ND	NA
Dibenzofuran	10	ND	NA
Diethylphthalate	10	ND	NA
Dimethyl phthalate	10	ND	NA
Fluoranthene	10	ND	NA
fluorene	10	ND	NA

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

^{8 -} The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses

Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====> ====>	JAGEL SLOUGH- MOF-15	1JAGEL SLOUGH-1 MOF-19
SAMPLE DATE == SAMPLE TYPE ==	=====>	08/16/88	08/16/88
COMPOUND NAME	Quantitation Limits		======================================
Hexach Lorobenzene	10	ND	NA
Hexachlorobutadiene	10	ND	NA
Hexachlorocyclopentadiene	10	ND	NA
Hexachloroethane	10	ND	NA
Indeno(1,2,3-c,d)pyrene	10	ND	NA
Isophorone	10	ND	NA
N-nitroso-dipropylamine	10	ND	NA
N-nitrosodiphenylamine	10	ND	NA
Naphthalene	10	ND	NA
Nitrobenzene	10	ND	NA
Pentachlorophenol	50	ND	NA
Phenanthrene	10	ND	NA
Phenol	10	ND	NA
Pyrene	10	ND	NA
========= TIC =========			

NA - Not Analyzed.

Unknown a 9.97

This compound was not detected at or above the Quantitation Limit.

TIC

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

16

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL: METALS Report Generated: 12/09/88 MATRIX: WATER

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====> JAGEL SLOUGH-1 JAGEL SLOUGH-1 SAMPLE NUMBER ====> MOF-15 MOF-19

SAMPLE DATE ======> 08/16/88 08/16/88

SAMPLE TYPE =====>

COMPOUND NAME
Limits
Concentration [All results in ug/L (ppb)]

Aluminum	200	1040	NA
Antimony	60	ND<2400	NA
Arsenic	10	J 6	NA
Barium	200	ND<700	NA
Beryllium	5	ND<60	NA
Cadmium	5	ND<500	NA
Calcium	5000	4360000	NA
Chromium	10	ND<500	NA
Cobalt	50	ND<500	NA
Copper	25	ND<400	NA
Iron	100	ND<600	NA
Lead	5	ND < 15	NA
Magnesium	5000	1320000	NA
Manganese	15	ND<100	NA
Mercury	.2	ND	NA
Nicket	40	ND<800	NA
Potassium	5000	J 498000	NA
Selenium	5	ND<125	NA
Silver	10	ND<300	NA
Sodium	5600	10000 000	NA
Thattium	10	ND<20	NA
Vanadium	50	ND<400	NA
Zinc	20	ND<200	NA

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

JAGEL SLOUGH-1JAGEL SLOUGH-1 SAMPLE LOCATION =====> MOF-15 MOF-19 SAMPLE NUMBER ====> 08/16/88 08/16/88 SAMPLE DATE ======> SAMPLE TYPE ======>

COMPOUND NAME	Quantitation Limits =======	Concentration [All results in mg/L (ppm):		
Chloride	.1	21000	NA	
Fluoride	.1	59	NA	
Nitrate	.1	ND<10	NA	
Sulfate	.2	3000	NA	
TDS	1	>20000	NA	

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero. - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Water Sample Analyses

Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	#####> #####>	JAGEL SLOUGH- MOF-15	1JAGEL SLOUGH-1 MOF-19
SAMPLE DATE == SAMPLE TYPE ==	=====>	08/16/88	08/16/88
		==========	=======================================
COMPOUND NAME	Quantitation Limits	Concentratio	n [All results in ug/L (ppb)]
AROCLOR-1016	.5	ND	NA .
AROCLOR-1221	.5	ND	NA
AROCLOR-1232	.5	ND	NA
AROCLOR-1242	.5	ND	NA
AROCLOR-1248	.5	ND	NA
AROCLOR-1254	1	ND	NA
AROCLOR-1260	1	ND	NA

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The indicates an estimated concentration for tentatively identified compounds where a it is response is assumed.

I have data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====> JAGEL SLOUGH-1JAGEL SLOUGH-1
SAMPLE NUMBER ====> MOF-15 MOF-19

SAMPLE DATE ======> 08/16/88 08/16/88 SAMPLE TYPE ======>

	222222222				::::: :::::::::::::::::::::::::::::::::		
COMPOUND NAME	Quantitation Limits	Concentrat	tion [A	li resu	ults	in ug/L	(ppb)]
	=======================================	=======================================					
1,1,1-Trichloroethane	5	ND		ND			
1,1,2,2-Tetrachloroethane	5	ND		ND			
1,1,2-Trichloroethane	5	ND		ND			
1,1-Dichloroethane	5	ND		ND			
1,1-Dichloroethene	5	ND		ND			
1,2-Dichloroethane	5	ND		ND	•		
1,2-Dichloroethenes(Total)	5	ND		ND			
1,2-Dichloropropane	5	ND		ND			
2-Butanone	10	ND		ND			
2-Hexanone	10	ND		ND			
4-Methyl-2-pentanone	10	ND		ND			
Acetone	10	B 4	В	7			
Benzene	5	ND		ND			
Bromodichloromethane	5	ND		ND			
Bromoform	5	ND		ND			
Bromomethane	10	ND		ND			
Carbon disulfide	5	ND		ND			
Carbon tetrachloride	5	ND		ND			
Chlorobenzene	5	ND		ND			
Chloroethane	10	ND		ND			
Chloroform	5	ND		ND			
Chloromethane	10	ND<10		ND			
Dibromochloromethane	5	ND		ND			
Ethyl benzene	5	ND		ND			
Methylene chloride	5	в 6	В	59			
Styrene	5	ND		ND			

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====>	JAGEL SLOUG MOF-15	H-1JAGEL SLOUGH-1 MOF-19
0,0,0,0	======>	08/16/88	08/16/88
	**********	=========	
COMPOUND NAME	Quantitation Limits	Concentrat	ion [All results in ug/L (ppb)]
Tetrachloroethene	5	ND	ND
Toluene	5	ND	ND
Total xylenes	5	ND	ND
Trichloroethene	5	ND	ND
Vinyl acetate	10	ND	ND
Vinyl chloride	10	ND	ND
cis-1,3-Dichloropropene	5	ND	ND
trans-1,3-Dichloropropene	5	ND	ND
========= TIC ========			
Thiobismethane	TIC	6	

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

- The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION	====>	WO1-EQ	W01-EQ.	
SAMPLE NUMBER	====>	MOF-11	MOF-57	
SAMPLE DATE ==	:=====>	08/12/88	09/16/88	
SAMPLE TYPE ==	=====>	EQUIP.RNSE	EQUIP.RNSE	
=======================================	guantitation	=========	=======================================	
COMPOUND NAME	Limits		on [All results in ug/l	(ppb)]
1,2 Dichlorobenzene	10	ND	ND	
4 2 / 7-1-616	40	ND.	AAPA	

1,2 Dichlorobenzene	10	ND	ND	
1,2,4-Trichlorobenzene	10	ND	ND	
1,3 Dichlorobenzene	10	ND	ND	
1,4 Dichtorobenzene	10	ND	ND	
2 nitrophenol	10	ND	ND	
2,4 Dimethylphenol	10	ND	ND	
2,4,5-Trichlorophenol	50	ND	ND	
2,4,6-Trichlorophenol	10	ND	ND	
2,4-Dichlorophenol	10	ND	ND	
2,4-Dinitrophenol	50	ND	ND	
2,4-Dinitrotoluene	10	ND	ND	
2,6-Dinitrotoluene	10	ND	ND	
2-Chloronaphthalene	10	ND	ND	
2-Chlorophenol	10	ND	ND	
2-Methylnaphthalene	10	ND	ND	
2-Methylphenol	10	ND	ND	
2-Nitroaniline	50	ND	ND	
3,3'-Dichlorobenzidine	20	ND	ND	
3-Nitroaniline	50	ND	ND	
4,6-Dinitro-2-methylphenol	50	ND	ND	
4-Bromophenyl phenyl ether	10	ND	ND	
4-Chloro-3-methylphenol	10	ND	ND	
4-Chloroaniline '	10	ND	ND	
4-Chlorophenyl phenyl ether	10	ND	ND	
4-Methylphenol	10	ND	ND	
, ,				

⁻ This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed. - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO	• •	WO1-EQ	W01-EQ	
SAMPLE NUMBER	====>	MOF-11	MOF-57	
SAMPLE DATE =	=====>	08/12/88	09/16/88	
SAMPLE TYPE =	=====>	EQUIP.RNSE	EQUIP.RNSE	
	Quantitation			
COMPOUND NAME	Limits			in ug/L (ppb)]
	=======================================	=========		
4-Nitroaniline	50	ND	ND	
4-Nitrophenol	50	ND	ND	
Acenaphthene	10	ND	ND	
Acenaphthylene	10	ND	ND	
Anthracene	10	ND	ND	
Benzo(a)anthracene	10	ND	ND	
Benzo(a)pyrene	10	ND	ND	
Benzo(b)fluoranthene	10	ND	ND	
Benzo(g,h,i)perylene	10	ND	ND	
Benzo(k)fluoranthene	10	ND	ND	
Benzoic acid	50	ND	ND	
Benzyl Alcohol	10	ND	ND	
Bis(2-Chloroethoxy)methane	10	ND	ND	
Bis(2-Chloroethyl)ether	10	ND	ND	
Bis(2-Chloroisopropyl)ether	10	ND	ND	
Bis(2-Ethylhexyl)phthalate	10	ND	B 2	
Butyl benzyl phthalate	10	ND	ND	
Chrysene	10	ND	ND	
Di-n-butylphthalate	10	ND	B 2	
Di-n-octyl phthalate	10	ND	ND	
Dibenz(a,h)anthracene	10	ND	ND	
Dibenzofuran	10	ND	ND	
Diethylphthalate	10	ND	ND	
Dimethyl phthalate	10	ND	ND	
Fluoranthene	10	ND	ND	
Fluorene	10	ND	ND	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1. Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	23:12> E3:12>	W01-EQ MOF-11	WO1- MOF-	
SAMPLE DATE == SAMPLE TYPE ==	=====>	08/12/88 EQUIP.RNSE		6/88 P.RNSE
SARPLE TIPE	/ /	EGUIP.KNSE		
	Quantitation			
COMPOUND NAME	Limits	Concentration	on [Al	l results in ug/L (ppb)]
	=======================================	=======================================	=====	*********
Hexach Lorobenzene	10	ND		ND
Mexachlorobutadiene	10	ND		ND
Hexachlorocyclopentadiene	10	ND		ND
Hexach Loroethane	10	ND		ND
Indeno(1,2,3-c,d)pyrene	10	ND		ND
Isophorone	10	ND		ND
N-nitroso-dipropylamine	10	ND		ND
N-nitrosodiphenylamine	10	ND		ND
Naphthalene	10	ND		ND
Nitrobenzene	10	ND		ND
Pentachlorophenol	50	ND		ND
Phenanthrene	10	ND		ND
Phenol	10	ND		ND
Pyrene	10	ND		ND
========= TIC ==========				
2-Pentanone, 4-Hydroxy-4-Met	TIC		8	9.2
3-Penten-2-Öne, 4-Methyl	TIC			10

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

the specified detection limit but greater than zero.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

PANEL : METALS MATRIX: WATER

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

	MPLE LOCATION == MPLE NUMBER ==	===>	W01-EQ MOF-11	W01-EQ M0F-57
	MPLE DATE ====		08/12/88	09/16/88
	MPLE TYPE =====	===>	EQUIP.RNSE	EQUIP.RNSE
		antitation		
COMPOUND N		Limits	Concentration	n [All results in ug/L (ppb)]
		=========		
			_	
Aluminum		200	ND<5	J 26.7
Antimony		60	ND<24	ND<24
Arsenic		10	ND<5	ND<7
Barium		200	ND<7	ND<7
Beryllium		5	ND<.6	ND<.6
Cadmium		5	ND	ND '
Calcium		5000	J 49.2	J 55.4
Chromium		10	ND<5	ND<5
Cobalt		50	ND<5	ND<5
Copper		25	ND<4	ND<4
Iron		100	ND<6	ND<6
Lead		5	ND	ND<3
Magnesium		5000	ND<100	ND<100
Manganese		15	ND<1	ND<1
Mercury		.2	ND	ND
Nickel		40	ND<8	ND<8
Potassium		5000	J 1400	J 868
Selenium		5	ND	ND<3
Silver		10	ND<3	J 4.8
Sodium		5000	J 1570	J 62.8
Thallium		10	ND<5	ND<2
Vanadium		50	ND<4	ND<4
Zinc		20	ND<2	J 2.3

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

⁻ The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: WATER

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	*====>	W01-EQ MOF-11	W01-EQ MOF-57	
	********	08/12/88 EQUIP.RNSE	09/16/88 EQUIP.RNSE	
COMPOUND NAME	Quantitation Limits	Concentrati	on [All result	s in mg/L (ppm)]
Bicarbonate Carbonate	1	1.2 ND	ND<0.1 ND	
Chloride Fluoride	.1 .1	0.23 ND	ND ND	
Nitrate Sulfate TDS	.1 .2 1	ND ND 30	ND ND ND<10	

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

 The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Water Sample Analyses

Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION	====>	W01-EQ	W01-EQ.	
SAMPLE NUMBER	====>	MOF-11	MOF-57	
SAMPLE DATE ==	=====>	08/12/88	09/16/88	
SAMPLE TYPE ==	=====>	EQUIP.RNSE	EQUIP.RNSE	
COMPOUND NAME	Quantitation Limits		=========== on [All results in ug/L (ppb =============	o)]
AROCLOR-1016	.5	ND	ND	
AROCLOR-1221	.5	ND	ND	
AROCLOR-1232	.5	ND	ND	
AROCLOR-1242	.5	ND	ND	
AROCLOR-1248	.5	ND	ND	
AROCLOR-1254	1	ND	ND	
AROCLOR-1260	1	ND	ND	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

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Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATI SAMPLE NUMBER		WO1		W01 MOF			
	======> ======> = =====================	EQU	12/88 IP.RNSE	EQU	16/88 IP.RNSE		
COMPOUND NAME	Quantitation Limits		ncentratio		ll results	in ug/L	(ppb)]
1,1,1-Trichloroethane	5		ND		ND		
1,1,2,2-Tetrachloroethane	5		ND		ND		
1,1,2-Trichloroethane	5		ND		ND		
1,1-Dichloroethane	5		ND		ND		
1,1-Dichloroethene	5		ND		ND		
1,2-Dichloroethane	5		ND		ND		
1,2-Dichloroethenes(Total)	5		ND		ND		
1,2-Dichloropropane	5		ND		ND		
2-Butanone	10		ND		ND		
2-Hexanone	10		ND		ND		
4-Methyl-2-pentanone	10		ND		ND		
Acetone	10	В	6		ND		
Benzene	5		ND		ND		
Bromodichloromethane	5		ND		ND		
Bromoform			ND		ND		
Bromomethane	10		ND		ND		
Carbon disulfide	5		ND		ND		
Carbon tetrachloride	5		ND		ND		
Chlorobenzene	5		ND		ND		
Chloroethane	10		ND		ND		
Chloroform	5		ND		ND		
Chloromethane	10		ND		ND		
Dibromochloromethane	5		ND		ND		
Ethyl benzene	5		ND		ND		
Methylene chloride	5	В	3	В	32		
Styrene	5		ND		ND		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO SAMPLE HUMBE R	N ====> ====>	W01-EQ MOF-11	พ01-Eq MOF-57
	######################################	08/12/88 EQUIP.RNSE	09/16/88 EQUIP.RNSE
COMPOUND NAME	Quantitation Limits	Concentrati	on [All results in ug/L (ppb)]
Tetrachloroethene	5	ND	ND
Toluene	5	ND	ND
Total xylenes	5	ND	ND
Trichloroethene	5	ND	ND
Vinyl acetate	10	ND	ND
Vinyl chloride	10	ND	ND
cis-1,3-Dichloropropene	5	ND	ND
trans-1,3-Dichloropropene	5	ND	ND

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

the specified detection limit but greater than zero.
The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/L (ppb)]
1,2 Dichlorobenzene	10	ND
1,2,4-Trichlorobenzene	10	ND
1,3 Dichlorobenzene	10	ND
1,4 Dichlorobenzene	10	ND
2 nitrophenol	10	ND
2,4 Dimethylphenol	10	ND .
2,4,5-Trichlorophenol	50	ND
2,4,6-Trichlorophenol	10	ND
2,4-Dichlorophenol	10	ND
2,4-Dinitrophenol	50	ND
2,4-Dinitrotoluene	10	ND
2,6-Dinitrotoluene	10	ND
2-Chloronaphthalene	10	ND
2-Chlorophenol	10	ND
2-Methylnaphthalene	10	ND
2-Methylphenol	10	ND
2-Nitroaniline	50	ND
3,3'-Dichlorobenzidine	20	ND
3-Nitroaniline	50	ND
4,6-Dinitro-2-methylphenol	50	ND
4-Bromophenyl phenyl ether	10	ND
4-Chloro-3-methylphenol	10	ND
4-Chloroaniline	10	ND
4-Chlorophenyl phenyl ether	10	ND
4-Methylphenol	10	ND
• •		

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

⁻ The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION ====> W01-FB SAMPLE NUMBER ====> MOF-7 SAMPLE DATE ======> 08/10/88 SAMPLE TYPE =====> FIELD BLNK

==========

	Quantitation	
COMPOUND NAME	Limits	Concentration [All results in ug/L (ppb)]
=======================================	=========	=======================================
4-Nitroaniline	50	ND
4-Nitrophenol	50	ND
Acenaphthene	10	ND
Acenaphthylene	10	ND
Anthracene	10	ND
Benzo(a)anthracene	10	ND
Benzo(a)pyrene	10	ND
Benzo(b)fluoranthene	10	ND .
Benzo(g,h,i)perylene	10	ND
Benzo(k)fluoranthene	10	ND
Benzoic acid	50	ND
Benzyl Alcohol	10	ND
Bis(2-Chloroethoxy)methane	10	ND
Bis(2-Chloroethyl)ether	10	ND
Bis(2-Chloroisopropyl)ether	10	ND
Bis(2-Ethylhexyl)phthalate	10	ND
Butyl benzyl phthalate	10	ND
Chrysene	10	ND
Di-n-butylphthalate	10	ND
Di-n-octyl phthalate	10	ND
Dibenz(a,h)anthracene	10	ND
Dibenzofuran	10	ND
Diethylphthalate	10	ND
Dimethyl phthalate	10	ND
Fluoranthene	10	ND
Fluorene	10	ND

- Not Analyzed.

- This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed. - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-FB
SAMPLE NUMBER =====> 08/10/88
SAMPLE TYPE =======> FIELD BLNK

COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/L (ppb)]
Hexachtorobenzene	10	ND ·
Hexachlorobutadiene	10	ND
Hexachlorocyclopentadiene	10	ND
Hexachloroethane	10	ND
Indeno(1,2,3-c,d)pyrene	10	ND
Isophorone	10	ND
N-nitroso-dipropylamine	10	ND
N-nitrosodiphenylamine	10	ND
Naphthalene	10	ND
Nitrobenzene	10	ND
Pentachlorophenol	50	ND
Phenanthrene	10	ND
Phenol	10	ND
Pyrene	10	ND

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : METALS MATRIX: WATER

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

 SAMPLE LOCATION =====>
 W01-FB

 SAMPLE NUMBER ====>
 M0F-7

 SAMPLE DATE ======>
 08/10/88

SAMPLE TYPE ******* FIELD BLNK

	Quantitation	***********
COMPOUND NAME	Limits	Concentration [All results in ug/L (ppb)]
Aluminum	200	J 32.1
Antimony	60	ND<24
Arsenic	10	ND<5
Barium	200	ND<7
Beryllium	5	ND<.6
Cadmium	5	ND
Calcium	5000	ND<19
Chromium	10	ND<5
Cobalt	50	ND<5
Copper	25	ND<4
Iron	100	ND<6
Lead	5	ND<3
Magnes i um	5000	J 123
Manganese	15	ND<1
Mercury	.2	.2
Nickel	40	ND<8
Potassium	5000	J 1210
Selenium	5	ND
Silver	10	J 5.5
Sodium	5000	ND<32
Thallium	10	ND<2
Vanadium	50	ND <4
Zinc	20	J 5

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.
Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

PANEL : MISC MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> W01-FB SAMPLE NUMBER ====> MOF-7 SAMPLE DATE ======> 08/10/88 SAMPLE TYPE =====> FIELD BLNK Quantitation COMPOUND NAME Limits Concentration [All results in mg/L (ppm)]

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/L (ppb)]
AROCLOR-1016	.5	ND	
AROCLOR - 1221	.5	ND	
AROCLOR - 1232	.5	ND	
AROCLOR - 1242	.5	ND	
AROCLOR - 1248	.5	ND	
AROCLOR - 1254	1	ND .	
AROCLOR-1260	1	ND	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION =====> SAMPLE NUMBER =====>	WO1-FB MOF-7
SAMPLE DATE ======>	08/10/88
SAMPLE TYPE ======>	FIELD BLNK
	==========

SARFLE TIPE		LIC	LU DLNK				
***************************************	****	====					
	Quantitation						
COMPOUND NAME	Limits	Co	ncentration	[All	results	in ug/	(ppb)
	=========	====	********				
1,1,1-Trichloroethane	5		ND				
1,1,2,2-Tetrachloroethane	5		ND				
1,1,2-Trichloroethane	5		ND				
1,1-Dichloroethane	5		ND				
1,1-Dichloroethene	5		ND				
1,2-Dichloroethane	5		ND				
1,2-Dichloroethenes(Total)	5		ND				
1,2-Dichloropropane	5		ND				
2-Butanone	10		ND				
2-Hexanone	10		ND				
4-Methyl-2-pentanone	10		ND				
Acetone	10	В	14				
Benzene	5		ND				
Bromodichloromethane	5		ND				
Bromoform	5		ND				
Bromomethane	10		ND				
Carbon disulfide	5		ND				
Carbon tetrachloride	5		ND				
Chlorobenzene	5		ND				
Chloroethane	10		ND				
Chloroform	5		ND				
Chloromethane	10		ND				
Dibromochloromethane	5		ND				
Ethyl benzene	5		ND				
Methylene chloride	5	В	7				
Styrene	5	_	ND				
	-		•••				

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO	N ====>	WO1-FB	
SAMPLE NUMBER	\$=\$= = >	MOF-7	
SAMPLE DATE =	=====>	08/10/88	
SAMPLE TYPE =	=====>	FIELD BLNK	

COMPOUND NAME	Quantitation Limits	Concentration [All results in ug/L (p	pb)]
Tetrachloroethene	5	ND .	
Toluene	5	В 1	
Total xylenes	5	NO	
Trichloroethene	5	ND	
Vinyl acetate	10	ND	
Vinyl chloride	10	ND	
cis-1,3-Dichloropropene	5	ND	
trans-1,3-Dichloropropene	5	ND	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B. - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION	=====>	WO1-TB	WO1-TB
SAMPLE NUMBER	====>	MOF-10	MOF-59
	::::::> :::::::>	08/11/88 TRIP BLANK	09/19/88 TRIP BLANK
COMPOUND NAME	Quantitation Limits	Concentration	on [All results in ug/L (ppb)]
1,2 Dichlorobenzene	10	NA	NA
1,2,4-Trichlorobenzene	10	NA	NA
1,3 Dichlorobenzene	10	NA	NA
1,4 Dichlorobenzene	10	NA	NA
2 nitrophenol	10	NA	NA
2,4 Dimethylphenol	10	NA	NA
2,4,5-Trichlorophenol	50	NA	NA
2,4,6-Trichlorophenol	10	NA	NA
2,4-Dichlorophenol	10	NA	NA
2,4-Dinitrophenol	50	NA	NA
2,4-Dinitrotoluene	10	NA	NA
2,6-Dinitrotoluene	10	NA	NA
2-Chloronaphthalene	10	NA	NA
2-Chlorophenol	10	NA	NA
2-Methylnaphthalene	10	NA	NÁ
2-Methylphenol	10	NA	NA
2-Nitroaniline	50	NA	NA
3,3!-Dichlorobenzidine	20	NA	NA
3-Nitroaniline	50	NA	NA
4,6-Dinitro-2-methylphenol	50	NA	NA
4-Bromophenyl phenyl ether	10	NA	NA
4-Chloro-3-methylphenol	10	NA	NA
4-Chloroaniline	10	NA	NA
4-Chlorophenyl phenyl ether	10	NA	NA
4-Methylphenol	10	NA	NA

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATIO	₩ ====>	WO1-TB	W01-TB
SAMPLE NUMBER	EEEE:>	MOF-10	MOF-59
SAMPLE DATE =	322222>	08/11/88	09/19/88
SAMPLE TYPE =	=====>	TRIP BLANK	TRIP BLANK
	22222222222	=======================================	******
	Quantitation		
COMPOUND NAME	Limits	Concentration	on [All results in ug/L (ppb)]

4-Nitroaniline	50	NA	NA
4-Nitrophenol	50	NA	NA
Acenaphthene	10	NA	NA ·
Acenaphthylene	10	NA	NA
Anthracene	10	NA	NA
Benzo(a)anthracene	10	NA	NA
Benzo(a)pyrene	10	NA	NA
Benzo(b)fluoranthene	10	NA	NA
Benzo(g,h,i)perylene	10	NA	NA
Benzo(k)fluoranthene	10	NA	NA
Benzoic acid	50	NA	NA
Benzyl Alcohol	10	NA	NA
Bis(2-Chloroethoxy)methane	10	NA	NA
Bis(2-Chloroethyl)ether	10	NA	NA
Bis(2-Chloroisopropyl)ether	10	NA	NA
Bis(2-Ethylhexyl)phthalate	10	NA	NA
Butyl benzyl phthalate	10	NA	NA
Chrysene	10	NA	NA
Di-n-butylphthalate	10	NA	NA
Di-n-octyl phthalate	10	NA	NA
Dibenz(a,h)anthracene	10	NA	NA
Dibenzofuran	10	NA	NA
Diethylphthalate	10	NA	NA
Dimethyl phthalate	10	NA	NA
Fluoranthene	10	NA	NA
Fluorene	10	NA	NA

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE NUMBER #====> MOF-10 MOF-59 SAMPLE DATE ####################################
SAMPLE TYPE =======> TRIP BLANK TRIP BLANK ====================================
SAMPLE TYPE =======> TRIP BLANK TRIP BLANK ====================================
Quantitation
COMPOUND NAME Limits Concentration [All results in ug/L (ppb)]
Name of the second seco
Hexachlorobenzene 10 NA NA
Hexachlorobutadiene 10 NA NA
Hexachlorocyclopentadiene 10 NA NA
Hexachloroethane 10 NA NA
Indeno(1,2,3-c,d)pyrene 10 NA NA
I sophorone 10 NA NA
N-nitroso-dipropylamine 10 NA NA
N-nitrosodiphenylamine 10 NA NA
Naphthalene 10 NA NA
Nitrobenzene 10 NA NA
Pentachlorophenol 50 NA NA
Phenanthrene 10 NA NA
Phenol 10 NA NA
Pyrene 10 NA NA

NA - Not Analyzed.

4D - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

PANEL : METALS MATRIX: WATER Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	====>	W01-TB M0F-10	W01-TB MOF-59
SAMPLE DATE ==	23222 >	08/11/88	09/19/88
	=====>	TRIP BLANK	TRIP BLANK
3AHFEE 17FE		TELEGRAPHICA	=======================================
	Quantitation		
COMPOUND NAME	Limits	Concentratio	on [All results in ug/L (ppb)]
	=======================================	===========	=======================================
Aluminum	200	NA	NA
Antimony	60	NA	NA
Arsenic	10	NA	NA
8arium	200	NA	NA
Beryllium	5	NA	NA
Cadmium	5	NA	NA
Calcium	5000	NA	NA
Chromium	10	NA	NA
Cobalt	50	NA	NA
Copper	25	NA	NA
Iron	100	NA	NA
Lead	5	NA	NA
Magnesium	5000	NA	NA
Manganese	15	NA	NA
Mercury	.2	NA	NA
Nickel	40	NA	NA
Potassium	5000	NA	NA
Selenium	5	NA	NA
Silver	10	NA	NA
Sodium	5000	NA	NA
Thallium	10	NA	NA
Vanadium	50	NA	NA
Zinc	20	NA	NA

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

- The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume 11: Sampling and Analysis Plan, March, 1988.

PANEL : MISC MATRIX: WATER

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	N ====> ====>	W01-TB MOF-10	W01-TB MOF-59
SAMPLE DATE == SAMPLE TYPE ==	======>	08/11/88 TRIP BLANK	09/19/88 TRIP BLANK
COMPOUND NAME	Quantitation Limits	Concentrati	on [All results in mg/L (ppm)]
Bicarbonate	1	NA	NA .
Carbonate	1	NA	NA
Chloride	.1	NA	NA
Cyanide	.02	NA	NA
Fluoride	.1	NA	NA
Nitrate	.1	NA	NA
Phenols	.05	NA	NA
Sulfate	.2	NA	NA
TPHC	.25	NA	NA
Tetraethyl Lead	.05	NA	NA

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination. Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

Report Generated: 12/09/88

Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION	=====>	W01-TB	W01-TB
SAMPLE NUMBER		MOF-10	MOF-59
	=====>	08/11/88	09/19/88
	=====>	TRIP BLANK	TRIP BLANK
COMPOUND NAME	Quantitation Limits	Concentrati	on [All results in ug/L (ppb)]
AROCLOR-1016	.5	NA	NA
AROCLOR - 1221	.5	NA	NA
AROCLOR - 1232	.5	NA	NA
AROCLOR-1242	.5	NA	NA
AROCLOR-1248	.5	NA	NA
AROCLOR-1254	1	NA	NA
Aroclor-1260	1	NA	NA

NA - Not Analyzed.

This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample.

TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown a 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

J - The data indicate the presence of a compound that meets the identification criteria but the result is less than

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER	*****>		I-ТВ 10		!-тв 59
SAMPLE TYPE ==	=====> =====>	TRI	/11/88 P BLANK	TR	/19/88 P BLANK
COMPOUND NAME	Quantitation Limits	Co	oncentratio	on [/	all results in ug/L (ppb)]
1,1,1-Trichloroethane	5		ND		ND .
1,1,2,2-Tetrachloroethane	5		ND		ND
1,1,2-Trichloroethane	5		ND		ND
1,1-Dichloroethane	5		ND		ND
1,1-Dichloroethene	5		ND		ND
1,2-Dichloroethane	5		ND		ND
1,2-Dichloroethenes(Total)	5		ND		ND
1,2-Dichloropropane	5		ND		ND
2-Butanone	10		ND		ND
2-Hexanone	10		ND		ND
4-Methyl-2-pentanone	10		ND		ND
Acetone	10	В	17		ND
Benzene	5		ND		ND
Bromodichloromethane	5 5 5		ND		ND
Bromoform	5		ND		ND
Bromomethane	10		ND		ND
Carbon disulfide	5		ND		12
Carbon tetrachloride	5		ND		ND
Chlorobenzene	5		ND		ND
Chloroethane	10		ND		ND
Chloroform	5	J	3		ND
Chloromethane	10		ND		ND
Dibromochloromethane	5		ND		ND
Ethyl benzene	5		ND		ND
Methylene chloride	5	В	130	В	5
Styrene	5		ND		ND

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

ND<xxx - Compound was analyzed for but not detected. The number is the minimum attainable detection limit for the sample. TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than
the specified detection limit but greater than zero.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

Unknown @ 9.07 indicates the retention time for the unknown compound.

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not

No Entry indicates that TICs were detected in only some samples. As the TICs do not have specified detection limits and are not analyzed for as target compounds, where TICs were not detected the data cell is left blank.

Quantitation Limits are as specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling and Analysis Plan, March, 1988.

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Results of Water Sample Analyses Site 1, Phase 1

NAS MOFFETT FIELD

SAMPLE LOCATION SAMPLE NUMBER		W01-TB MOF-10	W01-TB MOF-59	
	======>	08/11/88 TRIP BLANK	09/19/88 TRIP BLANK	
	= =====================================	==========	**********	
COMPOUND NAME	Quantitation Limits	Concentrati	on [All results in ug/L ((ppb)]
Tetrachloroethene	5	ND	ND	
Toluene	5	ND	ND	
Total xylenes	5	ND	ND	
Trichloroethene	5	ND	ND	
Vinyl acetate	10	ND	ND .	
Vinyl chloride	10	ND	ND	
cis-1,3-Dichloropropene	5	ND	ND	
trans-1.3-Dichloropropene	5	MD	ND	

NA - Not Analyzed.

ND - This compound was not detected at or above the Quantitation Limit.

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TIC indicates an estimated concentration for tentatively identified compounds where a 1:1 response is assumed.

The data indicate the presence of a compound that meets the identification criteria but the result is less than

the specified detection limit but greater than zero.

The analyte is found in the blank as well as a sample and indicates possible/probable blank contamination.

B - The analyte is found in the blank as well as a sample and indicates possible/probable blank contaminute unknown a 9.07 indicates the retention time for the unknown compound.

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